



# NARRATE

Needs for Digital Recording and Documentation of Ecclesiastical Cultural Treasures in Monasteries and Temples

## Project Information

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<b>Project Coordinator:</b>	ARISTOTLE UNIVERSITY OF THESSALONIKI

The purpose of NARRATE project is to codify the actual recording and documentation needs for the ecclesiastical cultural treasures, through a systematic study of the users' needs.

### Consortium partners



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Contract no: 2022-1-EL01-KA220-HED-000089867

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## Abbreviations

<b>FE</b>	Formative Evaluation
<b>SE</b>	Summative Evaluation
<b>CH</b>	Cultural Heritage

## Executive Summary

The EU Erasmus+ “NARRATE: Needs for Digital Recording and Documentation of Ecclesiastical Cultural Treasures in Monasteries and Temples” (2022-1-EL01-KA220-HED-000089867) aims at identifying and promoting the needs and priorities concerning ecclesiastical Cultural Heritage (CH) documentation.

The current study is being performed to codify the actual recording and documentation needs for the ecclesiastical cultural treasures, through a systematic study of the users’ needs. NARRATE reflects an emphasis on documenting ecclesiastic CH treasures in ways that will enable stakeholders to narrate their intertwined histories, functions, and spiritual importance throughout time.

This document summarizes and reports the activities and outcomes of *Work Package (WP) n°3 - Implementation and User Evaluation of the NARRATE Framework - Activity 3.3: Formative, Summative User Evaluation and Pilot study*. This document is the interim report of the Formative evaluation that has been carried out on October 2023.

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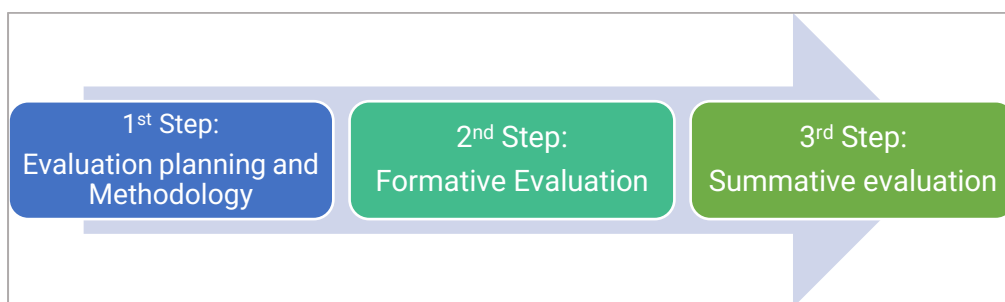
# 1. Planning and Designing the Evaluation Methodology of NARRATE framework

## 1.1 Overview of Evaluation Methodology

Formative evaluation is essential to ensure that the NARRATE framework effectively captures and preserves cultural ecclesiastical information while meeting the needs of its users. It is a crucial step that occurs in the development process, helping to identify issues and make improvements before this framework is finalized.

The Summative Evaluation (to be conducted by the end of the project) is a comprehensive assessment determining the NARRATE project's overall effectiveness, success, and impact. Its results are expected to help the involved stakeholders understand whether the project achieved its goals and objectives.

Schematically, the 1<sup>st</sup> step of our Formative and Summative Evaluation is to create and establish the proper evaluation methodology. The 2<sup>nd</sup> step includes the Formative Evaluation (FE) that will take place in the upcoming months and the 3<sup>rd</sup> step that concludes the evaluation assessment is the Summative Evaluation (SE).



**Figure 1:** Schematic representation of the Formative and Summative Evaluation Study of NARRATE project

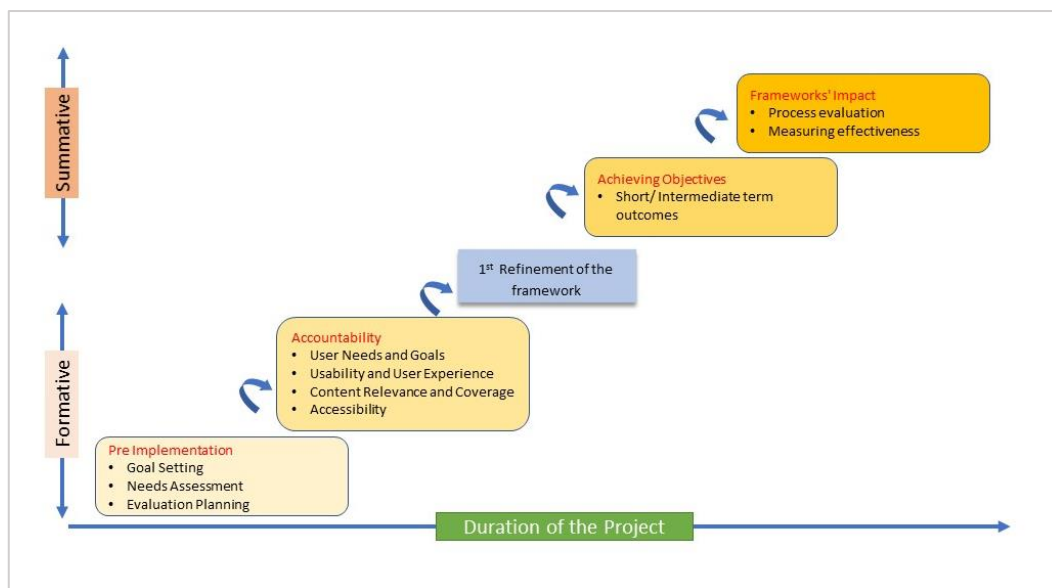
In the following paragraphs, the methodological framework for Formative evaluation is analysed. The assessment findings of this evaluation are expected to identify possible shortcomings and therefore will help on making improvements regarding the framework developed by NARRATE. Summative evaluation that will be performed by the end of the project will document the effectiveness of the project.

### 1.1.1 *Formative and Summative Evaluation Study of NARRATE*

The major difference between Formative and Summative Evaluation is that FE focuses on the improvement of the process (in our case the creation of the NARRATE framework) while SE focuses on the results and impact of the produced framework. Thereupon, formative assessment for NARRATE will be conducted during the creation and the development process as it will provide useful information that we can use in order to make the appropriate changes in the operation and implementation of the NARRATE framework. Typically, FE is conducted early in the life cycle of a process, hence data collection should occur before and during the process of creating the framework.

Summative Evaluation on the other hand, focuses on the framework's impact and its results. In consequence, it should be conducted later in the life cycle of the project, when possible, shortcomings have been resolved, thus it can provide evidence about the effectiveness of the NARRATE framework.

Figure 2, shows the proposed implementation of Formative and Summative Evaluation through the life circle of the NARRATE project.



**Figure 2:** *Implementation of the Formative and Summative Evaluation through the life circle of the NARRATE project*

## 1.2 Formative Evaluation

The first crucial step of the NARRATE FE is to define properly the project's objectives and the criteria against which its success will be measured. These criteria should be specific, measurable, and relevant to the project's goals. Hence, before deciding what types of data are needed (qualitative or quantitative) as an input for the FE, and from whom they are going to be collected (stakeholders, end-users etc), we need to clarify what specific problem the NARRATE project addresses.

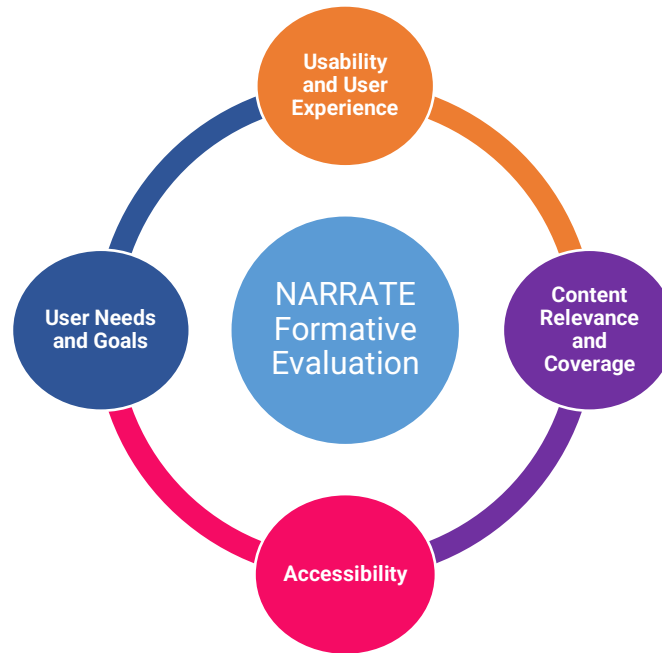
The NARRATE project's goal is to codify the actual recording and documentation needs for the ecclesiastical cultural treasures, through a systematic study of the users' needs. NARRATE framework will be a comprehensive and unified tool for extracting information, gaining access and actively involving in the process of exposing the ecclesiastical treasures to their owners themselves – clerics of the church, other church officials and museum workers. All of them in one way or another are responsible and have at their disposal various types of ecclesiastical treasures.

As the emphasis is on documenting ecclesiastic CH treasures in ways that will enable stakeholders to 'narrate' their intertwined histories, functions, and spiritual importance throughout time, the focus group of NARRATE project is the stakeholders themselves, not the end-users that will find information for ecclesiastical CH through the NARRATE framework. With the proposed project, we will empower people who manage, or possess ecclesiastical cultural treasures, to communicate their needs. Therefore, the Formative Evaluation should be addressed to them.

### 1.2.1 *Evaluation criteria overview*

Four major areas that define the quality, effectiveness and usefulness of an on-line framework that can record and codify ecclesiastical cultural treasures based on users' needs can be summed up as follows:

1. User Needs and Goals
2. Usability and User Experience
3. Content Relevance and Coverage
4. Accessibility



**Figure 3:** Quality, effectiveness and usefulness evaluation criteria of the NARRATE framework

Methodologically, FE of the NARRATE project will be conducted by evaluation questions. The evaluation questions are expected to collect data in order to understand the project's intention and focus on the aforementioned assessment criteria.

### 1.2.2 User Needs and Goals

The set of questions regarding the User Needs and Goals criteria are widely covered by the user-centered surveys conducted under the Activity 2.2: *Needs Verification with Key Stakeholders from the Ecclesiastical Domain* of WP2 of the NARRATE project. The user-centered surveys that were performed in the three participating countries (Greece, Bulgaria, Turkey) include all the necessary information for the FE with a series of evaluation questions such as:

- What are the primary goals, the specific needs and expectations of users when documenting ecclesiastic cultural treasures?
- What kind of information is needed for a digital description of the church valuables?
- Which are the movable church valuables that should be digitized?
- How would you prefer the form of representation of ecclesiastical-historical valuables to be?
- For what purposes would you use the future NARRATE project site?

### 1.2.3 Usability and User Experience

The set of questions to be asked in order to assess whether the usability characteristics of the NARRATE framework are appropriate and satisfactory, should provide an overall assessment of the users' experience. These questions should offer an insight into the practicalities in relation to a system's user-friendly characteristics such as clarity, simplicity, responsiveness, and unobstructed use. Moreover, evaluation questions of user experience should offer insight into the efficiency, the lack of (system) errors, and learnability (if applicable). These aspects, though, fall into the Summative Evaluation process, so the related questions should be adjusted accordingly for the Formative Evaluation. Some sample questions to be used for this evaluation criteria:

- How easy was it to create an account?
- How easy was it to identify where to put your information related to the object being documented?
- Is the tool's interface intuitive and user-friendly for individuals with varying levels of technical expertise?
- How easy is it for users to complete specific tasks or achieve their goals within the framework?

### 1.2.4 Content Relevance and Coverage

The relevance and coverage criteria ensure that the NARRATE's content stays relevant with reference to yield meaningful and useful results. Some sample questions to be used for this evaluation criteria:

- Does the tool cover a broad range of cultural documentation needs, including language, history, traditions, and artifacts?
- Are there any gaps in the types of ecclesiastic cultural information the tool can capture?

### 1.2.5 Accessibility

The final criterion should refer to a specific accessibility issues that would ultimately improve the overall accessibility level of the NARRATE framework and will make the user's experience even easier from start to finish.

- Is the tool user-friendly for individuals with varying levels of technical expertise?

### 1.2.6 *Prospective Participants*

A number of 50 (formative evaluation) and 100 (summative evaluation phase) stakeholders from the participating countries of NARRATE project are envisaged to contribute in total. In particular, through the formative evaluation phase we aim to address 20 stakeholders from clergy and non-clergy groups in Greece, 20 in Bulgaria and 10 in Turkey.



## 1.3 Ethics and Consent forms

Consent forms and Information sheets will be used following a template similar to the ones that were created for the survey participants.

### 1.3.1 Information Sheet



### INFORMATION SHEET

**Project title:** Needs for Digital Recording and Documentation of Ecclesiastical Cultural Treasures in Monasteries and Temples – NARRATE. (2022-1-EL01-KA220-HED-000089867)

**Project Coordinator:** Aristotle University of Thessaloniki (AUTH)

**Funding Organisation:** European Commission Erasmus+ programme

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## Important Information

You will be given information on the research to be conducted within NARRATE and you will be invited to take part in the study. Your participation is voluntary.

NARRATE is an EU Erasmus+ project which aims to codify the actual recording and documentation needs for the ecclesiastical cultural treasures, through a systematic study of the users' needs. With the proposed project, we will empower people who manage, or possess ecclesiastical cultural treasures, to communicate their needs. In the framework of the project, a questionnaire survey will be implemented to identify and provide stakeholders' opinions on the needs and priorities concerning ecclesiastical CH documentation.

You can talk about this study and the consent form with other people such as family/friends/or whoever you feel comfortable with. You do not have to decide right away. You can decide whether you want to take part in the study after you have thought/discussed this.

There may be words you do not understand or some things you would like for me to explain to you in detail. You can stop anytime and ask questions.

## Why are we conducting this study?

The EU Erasmus+ "NARRATE: Needs for Digital Recording and Documentation of Ecclesiastical Cultural Treasures in Monasteries and Temples" (2022-1-EL01-KA220-HED-000089867) aims at identifying and promoting the needs and priorities concerning ecclesiastical CH documentation.

The current study is being performed to codify the actual recording and documentation needs for the ecclesiastical cultural treasures, through a systematic study of the users' needs. NARRATE reflects an emphasis on documenting ecclesiastic CH treasures in ways that will enable stakeholders to narrate their intertwined histories, functions, and spiritual importance throughout time. The objective of this survey is to collect insights on your opinion on ecclesiastical treasures, your current experience with ecclesiastical CH documentation and what do you expect from a digital platform that could help to preserve and promote the ecclesiastical-historical heritage of your region.

The information collected during the survey that will be implemented will be used to develop a digital ecclesiastical platform customized to end users' needs, avoiding unnecessary design and increasing its acceptance.

## Why are we requesting your participation?

You have been invited to take part in this survey because you are a person who manages, or possesses ecclesiastical cultural treasures. Your participation in this survey will help the consortium understand how a digital ecclesiastical platform can be designed and developed in order to successfully meet the needs of its users.

### **Do I have to do this?**

You do not have to take part in the study if you don't want to. Even if you say "yes" now, you can change your mind later and pull out of the study at any time.

### **What will this cost me?**

Your participation in the survey does not involve any cost.

### **What will happen if you take part in the study?**

If you accept the invitation, you will be asked to fill in a 10-minute questionnaire about your current experience with ecclesiastical CH documentation and what do you expect from a digital platform that could help to preserve and promote the ecclesiastical-historical heritage of your region. You may choose to not answer to any question that you do not feel comfortable with.

### **What kind of data will be collected?**

The questionnaire collects information through hard copy and/or electronic submission in a properly formatted form using the "limesurvey" software. Apart from your views on ecclesiastical CH documentation we will collect some personal data namely:

- Your position/work
- Your technological literacy

### **Is this bad or dangerous for me?**

There are no risks involved in this study.

### **Will this be beneficial for me?**

By participating in this survey, you will be contributing towards the development of a digital ecclesiastical platform which will meet your needs and you may benefit by using it as a person who owns or manages ecclesiastical treasures.

### **Will you inform me on the conclusions?**

When the research is finished, the results will feed in the development of the NARRATE platform. If you wish you may be invited to the following project activities where you may participate in the forthcoming Workshops and Webinars.

### **Can I choose not to be part of this study? Can I change my mind?**

Your participation is not forced. You can stop the research at any time if you wish.

During the survey, if you change your mind, you may not submit your answers. In this case your answers will not be saved.

Consent is provided for 24 months.

## Data managing

After submitting your answers, for the purposes of the research, the verification of your identity is not required by those responsible for the processing of your personal data. As a result, the latter are not obliged to obtain, or retain or process additional information to verify your identity. Consequently, you may not exercise the following rights: a) the right of access to your personal data, b) the right of correction, c) the right of deletion, d) the right of restriction of processing, and e) the right of data portability in accordance with the General Data Protection Regulation.

If you have any questions about your rights, you may contact the Scientific Coordinator by sending an email to [sstyl@auth.gr](mailto:sstyl@auth.gr) or phone at 2310-995973.

**If you finally decide that you would like to take part in the study, you may save a copy of this document.**

### 1.3.2 *Consent Forms*



#### CONSENT

**NARRATE:** Needs for Digital Recording and Documentation of Ecclesiastical Cultural Treasures in Monasteries and Temples – NARRATE. (2022-1-EL01-KA220-HED-000089867)

I the undersigned .....

I declare that:

- I have been adequately and comprehensively informed by .....  
(*Name and position/area of responsibility of the researcher*) for the purposes of the research in which I will participate and which is part of the research project **NARRATE**: related to 74068 code attributed by ELKE.
- I have been adequately and comprehensively informed about the method and sources of the research financing.
- I have been adequately and comprehensively informed about what my participation in this research entails. In particular, I have been informed of all the rights and obligations I will have as a participant in the research comprising the obligation of confidentiality (if the latter is required).
- I have been adequately and comprehensively informed about any positive or directly negative, short-term or long-term consequence my participation in this research is expected to have concerning me or in relation with third parties.
- I have been adequately and comprehensively informed about how my personal data related to this research is processed and protected.
- I have been adequately and comprehensively informed about the provision and proper use of the devices (If applicable) that I will use during my participation in this research.
- I am aware of the fact that my participation is voluntary and that I can withdraw my participation from the research at any time for any reason and without any impact on me (as well as of the fact that the same applies to the person I represent).

- I know the Head of the research to whom I can address to withdraw my participation from this research or to notify any potential problem that might arise during my participation or after the completion of this research.
- No pressure was exerted to me and I was given enough time to think and decide.

**I consent to participate in the above research.**

**I consent that the Participant [Full Name] for whom I constitute the Legal Guardian takes part in the above research.**

**Participant's Signature: \_\_\_\_\_**

**Legal Guardian's signature:**

**Date: \_\_\_\_\_**

**day/month/year**



## WITHDRAWAL OF CONSENT OF THE PARTICIPANT

**NARRATE:** Needs for Digital Recording and Documentation of Ecclesiastical Cultural Treasures in Monasteries and Temples – NARRATE. (2022-1-EL01-KA220-HED-000089867)

I the undersigned .....

hereby withdraw my consent concerning my participation/the participation of my child/the participation of the person for whom I constitute the legal guardian in the research study **NARRATE**, which I had given on \_\_\_\_/\_\_\_\_/\_\_\_\_

\_\_\_\_\_  
*Signature of the participant*

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_  
*day/month/year*

\_\_\_\_\_  
*Signature of the legal guardian*

\_\_\_\_\_  
*Full name*

## 2. Interim results of Formative Evaluation (October 2023)

As stated before, formative assessment for NARRATE framework was planned to be conducted during the creation and the development process as it will provide useful information that we can use in order to make the appropriate changes in the operation and implementation of the NARRATE framework. At this specific phase of NARRATE project (October 2023), the NARRATE platform is under construction thus it is not possible for users to visit and have a hands-on use of the platform. Thereupon this formative evaluation serves as a preliminary evaluation process that nevertheless can provide crucial insights as it can capture the predisposition of the potential users towards the tool and platform under development.

This first Formative Evaluation phase revolved around the potential users of the NARRATE tool, namely Clergy and non-Clergy stakeholders such as parish priests, monks, church employees/administrators, students of theology and religion, curators in a museum related to the church etc. A small survey Questionnaire on their experience and impression of the NARRATE framework was created and it was disseminated amongst them.

Both online and hard copy versions of the Questionnaire were prepared. With intention to facilitate the interviewees and collect as many as possible responses, the online version was initially proposed, that was delivered through Google forms (see Annex of this report). When the person being interviewed had no access to the online version or was not very comfortable completing the questionnaire online, the hardcopy of the Questionnaire was provided.

Initially, a number of 50 stakeholders from the participating countries of NARRATE project was envisaged to contribute in total in the Formative Evaluation phase. We successfully received 93 completed submissions consisting: These questionnaires, provided us with enough qualitative signifiers required to understand whether the digital platform of NARRATE for ecclesiastical cultural heritage documentation will be effective, inspiring and exceptional.



To construct the metrics, we identified and selected four criteria that are considered critical and essential for the creation of a digital platform of ecclesiastical cultural heritage documentation:

1. User Needs and Goals
2. Usability and User Experience
3. Content Relevance and Coverage
4. Accessibility

The structure of the Formative Evaluation Questionnaire, the questions used and the results of the collected responses are displayed in the following paragraphs. The hard copy of the Questionnaire is placed on the annex of this report.

## 2.1 Formative Evaluation Questionnaire – October 2023

The Formative Evaluation Questionnaire of NARRATE, has the following structure:

- a. At the beginning, a small introduction and instructions for the interviewee were offered.
- b. Continuously, screenshots of the NARRATE interface were provided giving the opportunity to the responder to envisage how the NARRATE framework will function regarding:
  - ✓ the management of Ecclesiastical Treasures. Screenshots of tools were offered like:
    - Display all catalogued ecclesiastical treasures
    - Search by free-text
    - Search by filters (e.g., Name, Code, Kind, etc.)
  - ✓ how to catalogue a new ecclesiastical treasure. Screenshots of tools were offered like:
    - Data Entry for the new treasure with information of where to put the Name, Additional names, Code, Short/Extended description etc. of the object being catalogued.
  - ✓ The account management and the profile overview. Screenshots of tools were offered like:
    - Creating an account, setting a profile picture, setting a full name etc.

c. The last part of the Questionnaire had the formative evaluation questions. These questions were grouped into four major areas based on the criteria that are considered critical and essential for the construction of a digital platform of cultural documentation:

- User Needs and Goals
- Usability and User Experience
- Content Relevance and Coverage
- Accessibility

Our intention was to encourage the targeted stakeholders to participate in this survey and not frustrate/discourage the interviewees with long questionnaires and questions that he/she might choose not to answer. To this reason, we decided to put only 6 questions that fall into the abovementioned criteria in order to make the formative evaluation questionnaire as easy as possible. The selected questions define the quality, effectiveness and usefulness of an on-line framework that can record and codify ecclesiastical cultural treasures based on users' needs.

## 2.2 Formative Evaluation Questions

### Criteria: User Needs and Goals

**Question 1.** In your opinion, what information is necessary for a digital description of ecclesiastical treasures?

*Table 1: Options to choose for Question 1*

Type of information	
Unique number/identifier of the object	
Name of the object	
Age of the object	
Author/Creator (if applicable)	
Description of the object	
Dimensions	
Material/s that is made of	
Inscription on the object	
Language of the inscription	
What is written in the inscription?	
Conservation status	
Stages of preservation	
Description of the previous preservation interventions	
Is it fragmentary?	
Are there any other fragments, and where?	
Is it associated with another object?	
Is it associated with a miracle?	
Is it associated with an important historic event?	
Is it associated with a custom?	
Relevant bibliography/ scientific references	
Church/Monastery who owns it	
Liturgical use	

**Question 2.** What, in your opinion, is the preferred method of documenting ecclesiastical-historical treasures?

*Table 2: Options to choose for Question 2*

	Simple List
	Catalogue
	Album
	Other, please suggest:

### Criteria: Usability and User Experience

**Question 3.** Will it be simple, in your opinion to create an account on NARRATE?

*Table 3: Options to choose for Question 3*

	Strongly Agree
	Agree
	Undecided / Neutral
	Disagree
	Strongly Disagree

**Question 4.** Will it be straightforward, in your opinion, to determine where to put your information on the object being documented?

*Table 4: Options to choose for Question 4*

	Strongly Agree
	Agree
	Undecided / Neutral
	Disagree
	Strongly Disagree

## Criteria: Content Relevance and Coverage

**Question 5.** From your perspective, are any cultural documentation demands/ fields concerning ecclesiastical treasures, besides language, history, traditions, and artifacts, that the proposed tool could include?

*Table 5: Options to choose for Question 5*

	No, the NARRATE tool has covered a broad range of cultural documentation needs
	Undecided / Neutral
	Yes, the NARRATE tool could include extra information like: ..... (please suggest)

## Criteria: Accessibility

**Question 6.** According to your opinion, is the tool user-friendly for individuals with varying levels of technical expertise?

*Table 6: Options to choose for Question 6*

	Strongly Agree
	Agree
	Undecided / Neutral
	Disagree
	Strongly Disagree

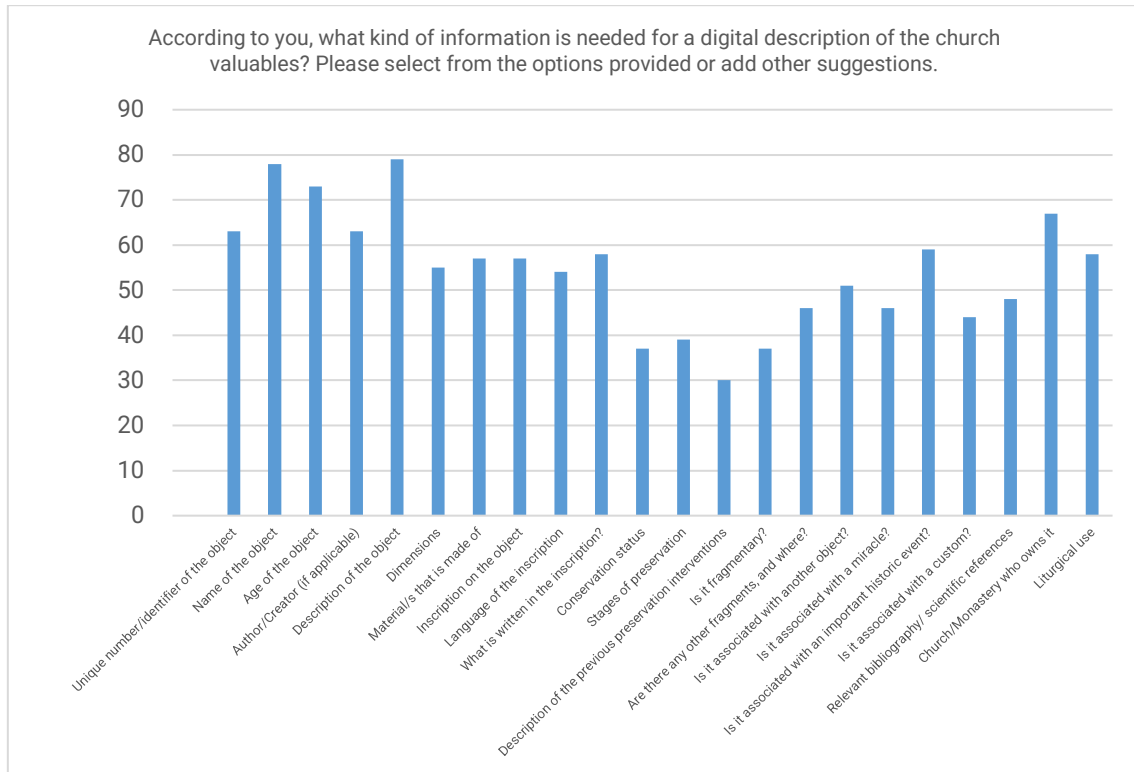
## 2.3 Question results

### 2.3.1 Overview of Question 1 results

**Question 1.** In your opinion, what information is necessary for a digital description of ecclesiastical treasures?

*Table 7: Results of question 1*

Type of Information	number of votes	percentage
Unique number/identifier of the object	63	68%
Name of the object	78	84%
Age of the object	73	78%
Author/Creator (if applicable)	63	68%
Description of the object	79	85%
Dimensions	55	59%
Material/s that is made of	57	61%
Inscription on the object	57	61%
Language of the inscription	54	58%
What is written in the inscription?	58	62%
Conservation status	37	40%
Stages of preservation	39	42%
Description of the previous preservation interventions	30	32%
Is it fragmentary?	37	40%
Are there any other fragments, and where?	46	49%
Is it associated with another object?	51	55%
Is it associated with a miracle?	46	49%
Is it associated with an important historic event?	59	63%
Is it associated with a custom?	44	47%
Relevant bibliography/ scientific references	48	52%
Church/Monastery who owns it	67	72%
Liturgical use	58	62%



**Figure 4:** Graphic results of Question 1

As this criterion of user needs and goals, was broadly covered within activities of WP2 - *Needs Analysis, Best Practice Collection and Conceptual Design of the NARRATE Framework*, we decided to include only two questions of this group. This first question is a User Needs and Goals related question focusing on the specific type of information the potential user of NARRATE tool would like to include when registering an ecclesiastical object.

Responders had to choose from a list of 22 types of information that was prepared by the NARRATE team. The results are quite evenly spread through the 22 options, with a slight preference towards three types of information that each one of them received more than 70 votes out of 93 participants: the name of the object, its age and its description. This finding suggests that the recommended types of information proposed by the NARRATE team largely coincide with the desired information preferred by the potential users and secondly, the basic information such as name, age and description are the most appropriate ones.

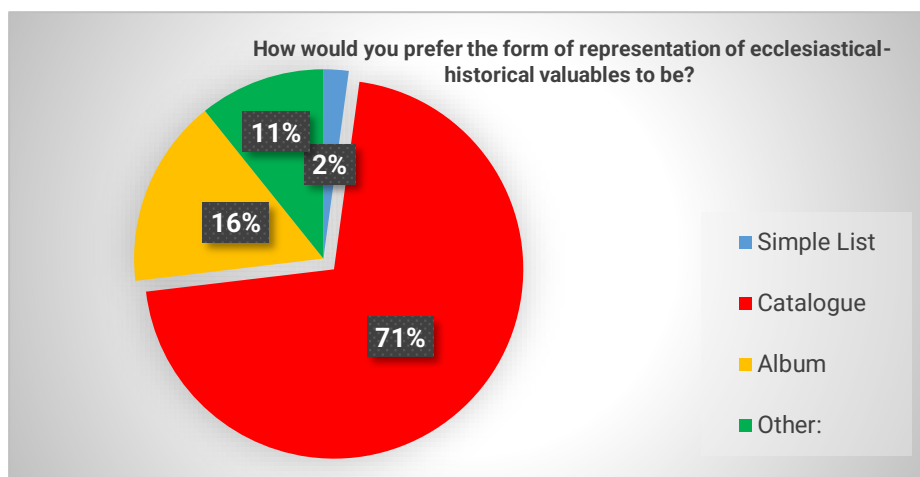
### 2.3.2 Overview of Question 2 results

**Question 2.** What, in your opinion, is the preferred method of documenting ecclesiastical-historical treasures?

*Table 8: Results of question 2*

2	2%	Simple List
66	71%	Catalogue
15	16%	Album
10	11%	Other, please suggest: <ul style="list-style-type: none"> <li>• Database</li> <li>• Catalogue with documents</li> <li>• Registration for every object with ontologies and prototypes</li> <li>• electronic files</li> <li>• Combination of catalogue and album</li> <li>• To write it down and then to make a folder and upload it to a usb file</li> <li>• Catalogue, but with different levels of access for downloaders and viewers. Allowing editing only by specialists.</li> <li>• Documentation on local churches</li> <li>• inventory</li> <li>• 3d representation</li> </ul>





**Figure 5:** Graphic results of Question 2

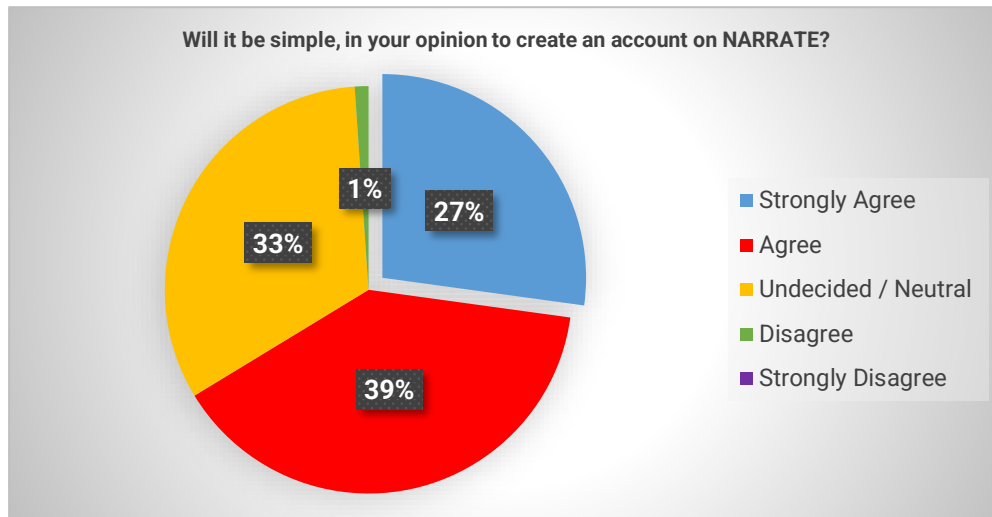
This is the second question under the criterion of User Needs and Goals. More than 70% of the responders have chosen the option of Catalogue as a preferred method of documenting ecclesiastical-historical treasures, while the second in votes option was the Album with 16% score. The proposals suggested by 11 persons are mainly combination of catalogue and documents with suggestions of electronic format and online services. This finding suggests that responders cluster prominently towards the documentation with Catalogues with all the necessary information.

### 2.3.3 Overview of Question 3 results

**Question 3.** Will it be simple, in your opinion to create an account on NARRATE?

**Table 9:** Results of question 3

25	27%	Strongly Agree
36	39%	Agree
30	33%	Undecided / Neutral
1	1%	Disagree
0	0%	Strongly Disagree



**Figure 6:** Graphic results of Question 3

This is the first question under the criterion Usability and User Experience. The questions that fall into this group should help assessing whether the usability characteristics of the NARRATE framework are appropriate and satisfactory, and ideally, they should provide an overall assessment of the users' experience. As it was mentioned at the beginning of this document, at this specific phase of NARRATE project (October 2023), the platform is under construction thus it is not possible for users to visit and have a hands-on use of the tool. Therefore, these questions will only capture the predisposition of the potential users and their preferences over their future use of the NARRATE platform.

For these questions the 5-point Likert scale was used to assess preferences and views of the potential user of NARRATE platform. It is a scale with 5 answer options which has two utmost poles and a neutral option linked with intermediate answer options: Strongly Disagree, Disagree, Undecided / Neutral, Agree, Strongly Agree.

The first question regarding the creation of an account is focusing on the specific aspect of user acceptance in relation to the sign-up interface procedure. The findings of this question show that the responders cluster towards the positive side of the spectrum; however, there is a considerably big score on the neutral option (32%). This is something that was expected, as the evaluation of the effectiveness of an online platform requires a hands-on experience. Due to this fact, the responses on this question depend primarily on user's prior knowledge/familiarization with similar interfaces as well as their

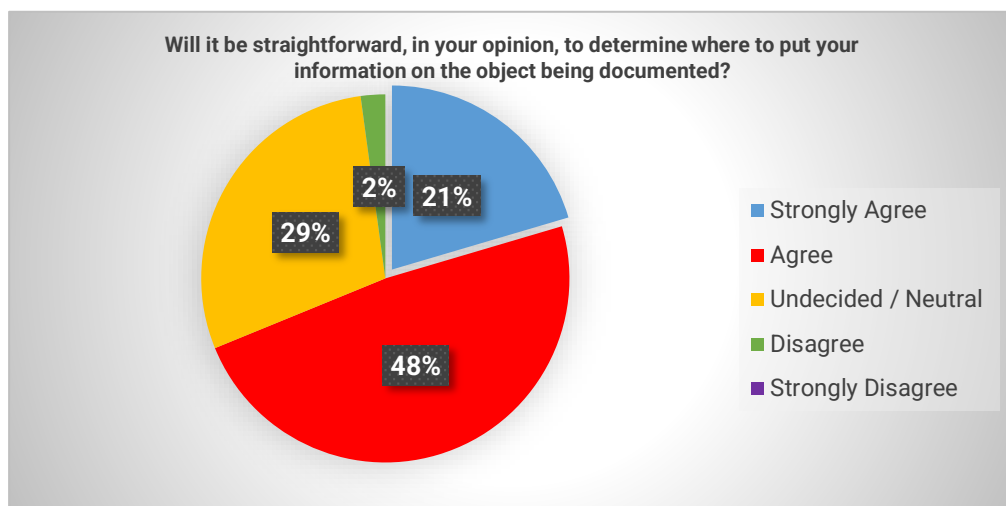
predisposition that derives from their experience and familiarity on using such interfaces and tools.

#### 2.3.4 Overview of Question 4 results

**Question 4.** Will it be straightforward, in your opinion, to determine where to put your information on the object being documented?

**Table 10:** Results of question 4

19	21%	Strongly Agree
45	48%	Agree
27	29%	Undecided / Neutral
2	2%	Disagree
0	0%	Strongly Disagree



**Figure 7:** Graphic results of Question 4

This is the second question under the criterion Usability and User Experience. Responders received fairly detailed information mainly through a PowerPoint presentation (see Annex) either as a hard copy or through Google Form platform in the online version of the Questionnaire. Once more, with this question the main issue was

the fact that the responders didn't have the opportunity to actually test the features of the platform, so the received answers indicate mainly their predisposition and depend highly on their prior knowledge/familiarization with similar interfaces.

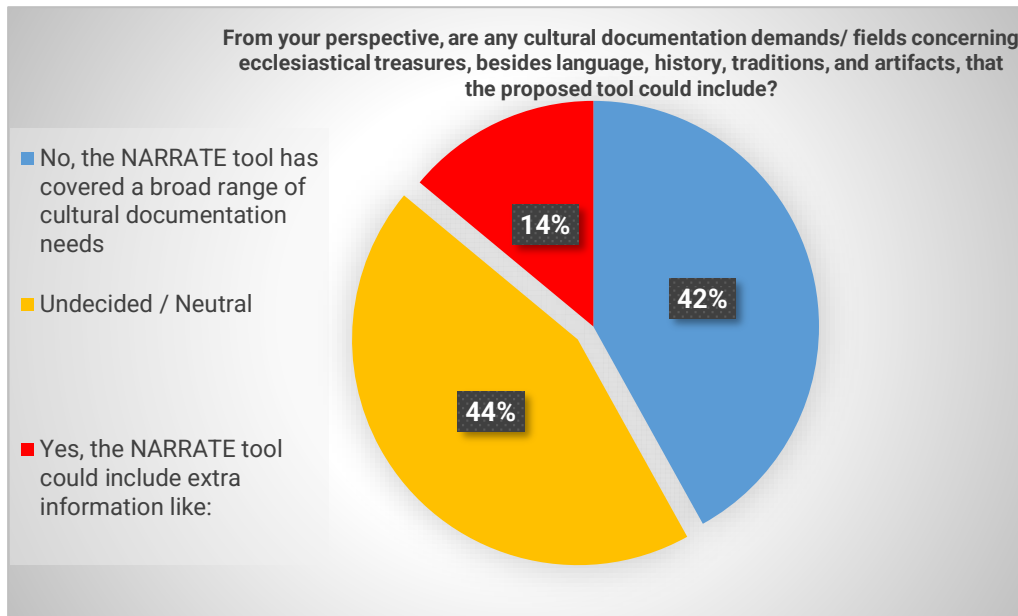
The findings on this question show that the responders cluster towards the positive side of the spectrum (with a score of 69% in total for the answers Strongly Agree and Agree); however, there is again a considerably big score on the neutral option (29%) as there was not an actual hands-on experience.

### 2.3.5 Overview of Question 5 results

**Question 5.** From your perspective, are any cultural documentation demands/ fields concerning ecclesiastical treasures, besides language, history, traditions, and artifacts, that the proposed tool could include?

*Table 11: Results of question 5*

39	42%	No, the NARRATE tool has covered a broad range of cultural documentation needs
41	44%	Undecided / Neutral
13	14%	<p>Yes, the NARRATE tool could include extra information like:</p> <p>..... (please suggest)</p> <ul style="list-style-type: none"> <li>• Use of other languages. At least the language of the country in which the described object is located.</li> <li>• If there is something similar in other locations of the same or different country and a comparative description of them.</li> <li>• 3D scanning or drawing of the object, subjects requiring advanced expertise can also be included (decoration techniques, material analysis, etc.).</li> <li>• Description of the construction method.</li> <li>• Material, Structure, Condition, Technical details of the artifacts-artworks, Initial condition, Conservation &amp; restoration needs, Structure details</li> <li>• 'Similar to this' option may be offered. In this section, works that are close to or similar to the works found as a result of this search (including similarities in historical period, purpose of use, etc.) can be automatically uploaded as content on the same page and opened in a new tab if desired.</li> <li>• A digital signature that confirms the authenticity of the item, its origin and will make it possible to locate it in case of loss or alterations of its contents</li> <li>• The symbolism it carries in antiquity and in modern times.</li> <li>• Place of discovery/storage</li> <li>• Parallels with other objects of the same period.</li> </ul>



**Figure 8:** Graphic results of Question 5

This question was chosen to assess the platform based on the criterion of Content Relevance and Coverage. The findings on this question show that responders cluster slightly towards the positive side of the answers (with a score of 42% for the answer No, the NARRATE tool has covered a broad range of cultural documentation needs) but again in this question we encountered a large number of votes on the neutral option (44%).

This highlights the fact that at this stage, where there is not possible to test the platform with hands-on experience, the user cannot fully grasp the effectiveness and assess correctly the overall content coverage of the tool.

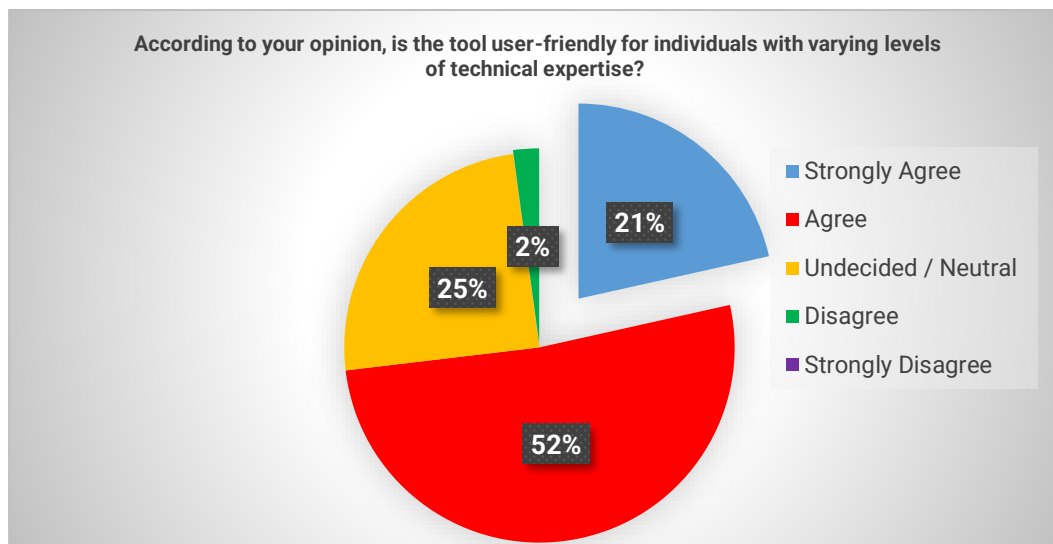
Additionally, 13 responders have offered their opinion on extra information that could be included in the NARRATE platform. These open answers have given a fairly good insight on information/actions/options that could be included so as to make the tool comprehensive and complete in terms of relevance and coverage.

### 2.3.6 Overview of Question 6 results

**Question 6.** According to your opinion, is the tool user-friendly for individuals with varying levels of technical expertise?

*Table 12: Results of question 6*

20	21%	Strongly Agree
48	52%	Agree
23	25%	Undecided / Neutral
2	2%	Disagree
0	0%	Strongly Disagree



*Figure 9: Graphic results of Question 6*

The last question of the Formative Evaluation Questionnaire is a question related to the criterion of Accessibility. The majority of the responders have opted for the positive options 'Agree' and 'Strongly Agree', with a score of 73% in total for these two answers. The moderately high score of the neutral option (25%) once more indicates the inability for the responder to actually assess the functionality of the tool without a hands-on experience.

## 2.4 Findings analysis

The Formative Evaluation carried out for the NARRATE platform, primarily aimed at assessing the quality, effectiveness and usefulness of the on-line tool that will record and codify ecclesiastical cultural treasures based on users' needs. Our main obstacle in this assessment was the fact that the platform is under construction thus it is not possible for users to visit and have a hands-on use of the tool. Even though the responders had a fairly detailed demonstration of the system functionality with PowerPoint presentations demonstrating in detail the features and tools, it has to be admitted that the findings reflect the predisposition of the users and not their actual perception for the tool use.

In this respect, the results on this stage of the Formative and Summative evaluation can be characterised as low fidelity results. At this early phase of the evaluation process, the findings of the Formative Evaluation offer an insight of the user's needs analysis, and an initial user's experience evaluation concerning the possibilities that the NARRATE platform should offer. However, the analysis of the responses managed to offer tangible and specific results that could prove useful as the framework is not decisively formed.

The first two questions under the criterion of User Needs and Goals, reflected that in terms of information, the NARRATE tool covers a broad range of cultural documentation needs, and the suggestions on the preferred method of documentation from some responders (it was an optional field to answer) coincide with the NARRATE's platform possibilities and functionalities.

The Usability and User Experience questions clearly underlined the need to have a hands-on experience in order to form a proper perception of the platform's functionality. Additionally, the findings of these questions may reflect different levels of acquaintance of familiarity with such interfaces. Even though the responses yielded to the positive spectrum of the options offered, the considerably high score of neutral responses suggests that depending on user's prior knowledge/familiarization with such interfaces we should expect a certain level of difficulty while using the platform. This clearly means that there is a space for improvement in terms of ease of use. The fact that we aim to address and distribute this platform amongst the delegate group of Clergy that a vast majority is elderly people with little to average knowledge on technology related tools,

we should prepare a platform which has simple and well described functions. The addition of help provisions and guidance, clear information, error messaging and real-time feedback would enhance acceptability of this interface/system aspect.

Finally, in terms of relevance and coverage the findings suggest that the users find the tool comprehensive and complete, while the suggestions that we received from some responders, offered an insight on information/actions/options that could be included in the platform.



### 3. Conclusions

The aim of this report is to describe the methodological framework for Formative evaluation. While the main obstacle in this assessment was the fact that the platform is under construction thus it is not possible for users to visit and have a hands-on use of the tool, the assessment findings of this evaluation have successfully managed to identify possible shortcomings and therefore will help on making improvements regarding the framework developed by NARRATE.

This is the second phase of the Implementation and User Evaluation of the NARRATE Framework. With the completion of the Summative Evaluation that will take place by the end of this project the comprehensive assessment determining the NARRATE project's overall effectiveness, success, and impact will be completed. Its results are expected to help the involved stakeholders understand whether the project achieved its goals and objectives.

## ANNEX

The following figures show the online version of the Formative Evaluation Questionnaire, through Google Forms.



# NARRATE

Needs for Digital Recording and Documentation  
of Ecclesiastical Cultural Treasures in Monasteries and Temples

## NARRATE framework mock ups

### Formative Evaluation Questionnaire





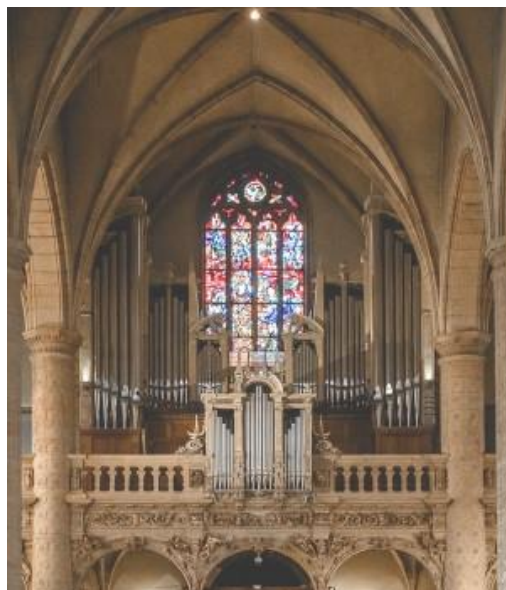
# Instructions

- ❖ In the following pages, you will find screenshots of the NARRATE interface; a platform that enables and facilitates the documentation of ecclesiastical cultural treasures.
- ❖ Observe the screenshots carefully and answer the questions that are in the end.



# Screenshots of the NARRATE interface

# Authentication




NARRATE  
Needs for Digital Recording and Documentation  
of Ecclesiastical Cultural Treasures in  
Monasteries and Temples

Sign In

Email

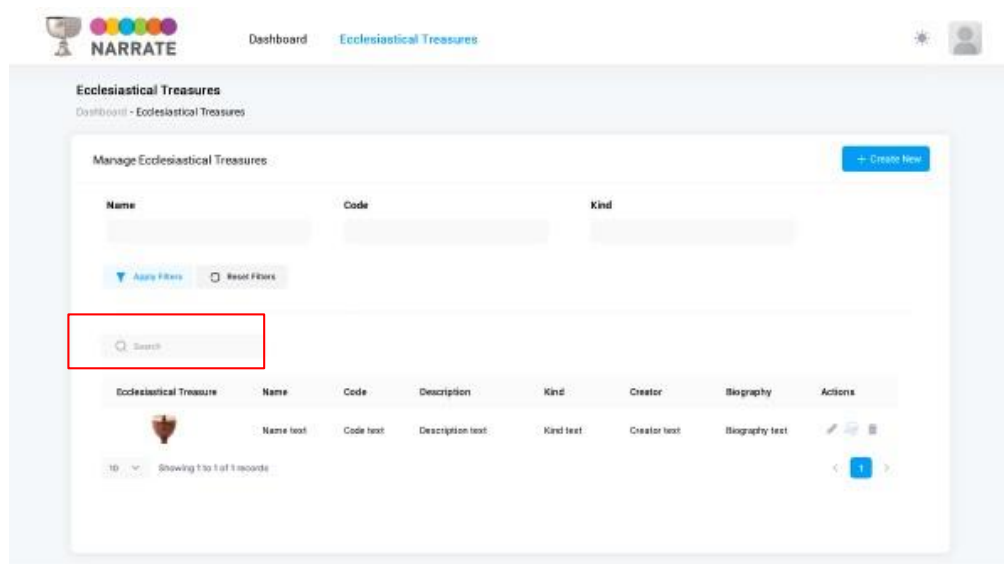
Password

[Forgot Password?](#)

[Sign In](#)

Not a Member yet? [Sign up](#)

# Management of Ecclesiastical Treasures

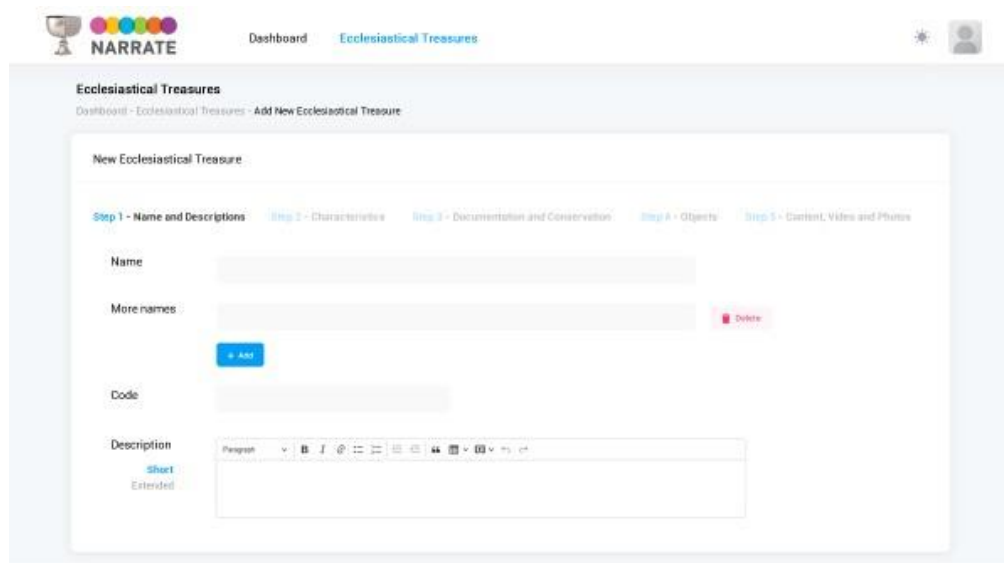


The screenshot shows the 'Ecclesiastical Treasures' management interface. At the top, there's a 'Dashboard' tab and an 'Ecclesiastical Treasures' tab. Below the tabs, there's a 'Manage Ecclesiastical Treasures' section with a '+ Create New' button. A search bar is highlighted with a red box. Below the search bar, there's a table with columns: Ecclesiastical Treasure, Name, Code, Description, Kind, Creator, Biography, and Actions. The table shows one record with a small icon in the 'Ecclesiastical Treasure' column and placeholder text in the others. At the bottom, it says 'Showing 1 to 1 of 1 records'.

## Features:

- Display all catalogued ecclesiastical treasures
- Search by free-text
- Search by filters (e.g., Name, Code, Kind, etc.)

# Catalogue a New Ecclesiastical Treasure- Step 1

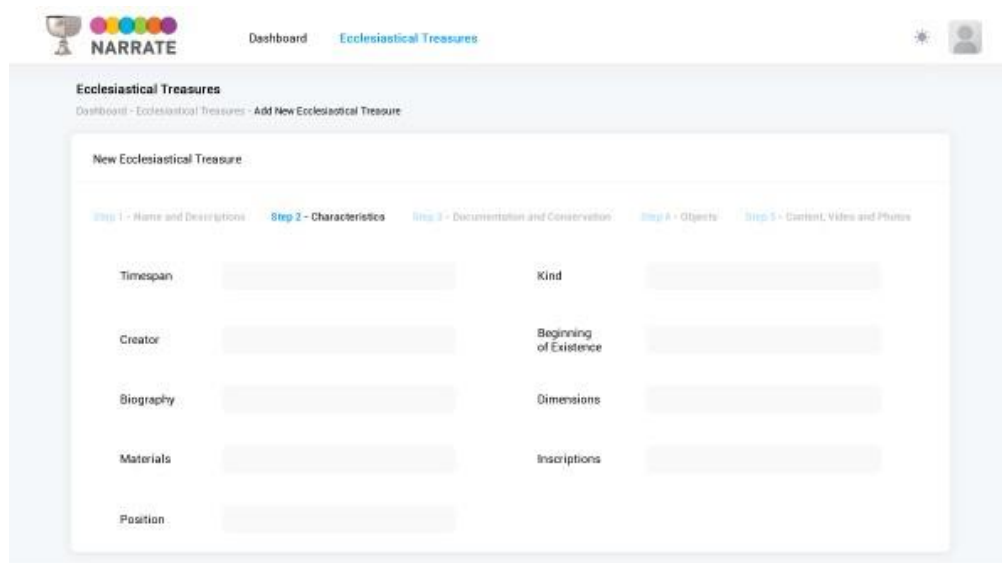


## Data Entry for the new treasure:

- Name
- Additional names
- Code
- Short/Extended description



## Catalogue a New Ecclesiastical Treasure- Step 2



**Ecclesiastical Treasures**  
Dashboard - Ecclesiastical Treasures - Add New Ecclesiastical Treasure

**New Ecclesiastical Treasure**

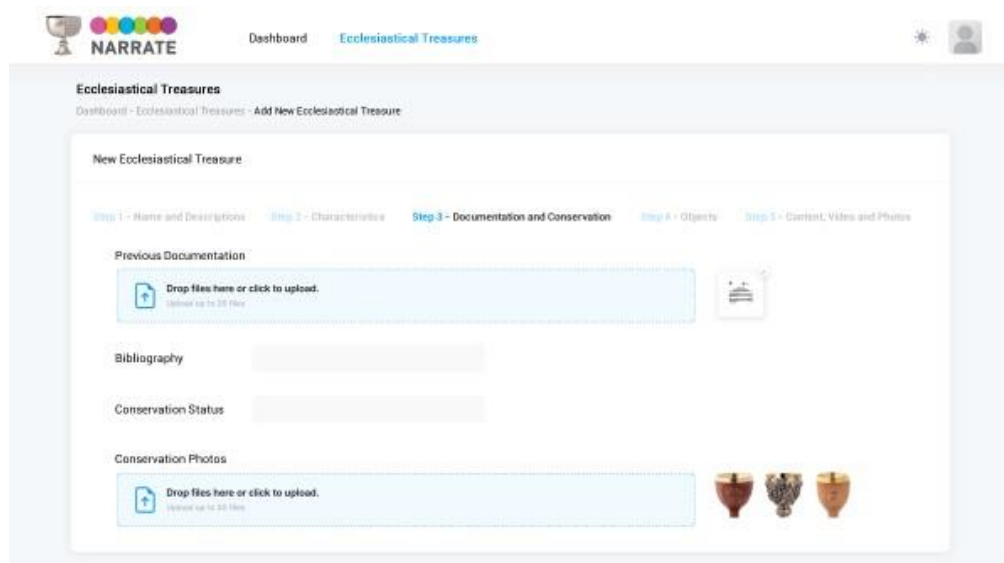
Step 1 - Name and Descriptions Step 2 - Characteristics Step 3 - Documentation and Conservation Step 4 - Objects Step 5 - Content, Video and Photos

Timespan	<input type="text"/>	Kind	<input type="text"/>
Creator	<input type="text"/>	Beginning of Existence	<input type="text"/>
Biography	<input type="text"/>	Dimensions	<input type="text"/>
Materials	<input type="text"/>	Inscriptions	<input type="text"/>
Position	<input type="text"/>		

### Data Entry for the new treasure:

- Timespan
- Kind
- Creator
- Beginning of Existence
- Biography
- Dimensions
- Materials
- Inscriptions
- Position

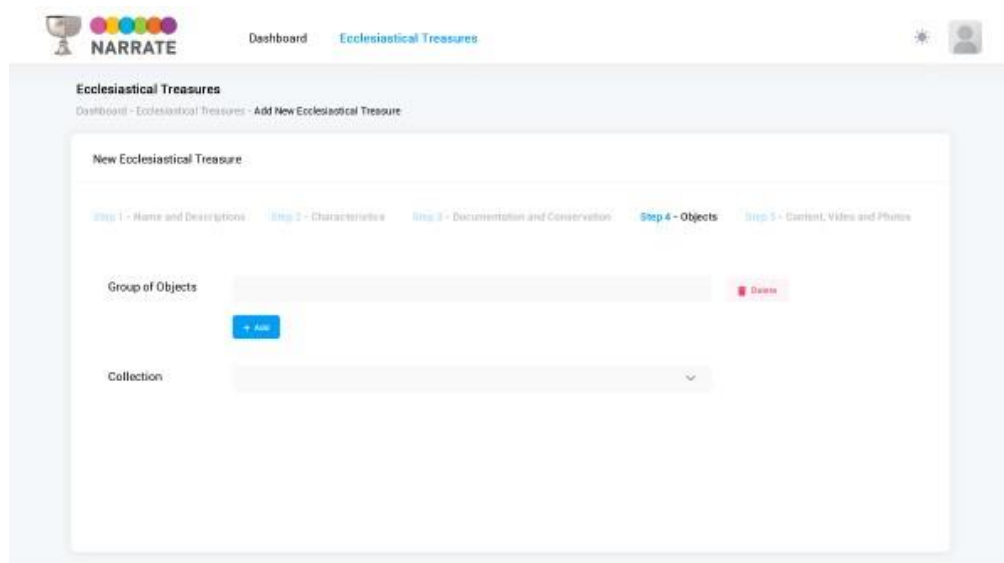
# Catalogue a New Ecclesiastical Treasure- Step 3



## Data Entry for the new treasure:

- Previous documentation
- Bibliography
- Conservation status
- Conservation photos

# Catalogue a New Ecclesiastical Treasure- Step 4



**Ecclesiastical Treasures**  
Dashboard - Ecclesiastical Treasures - Add New Ecclesiastical Treasure

**New Ecclesiastical Treasure**

Step 1 - Name and Descriptions Step 2 - Characteristics Step 3 - Documentation and Conservation **Step 4 - Objects** Step 5 - Content, Video and Photos

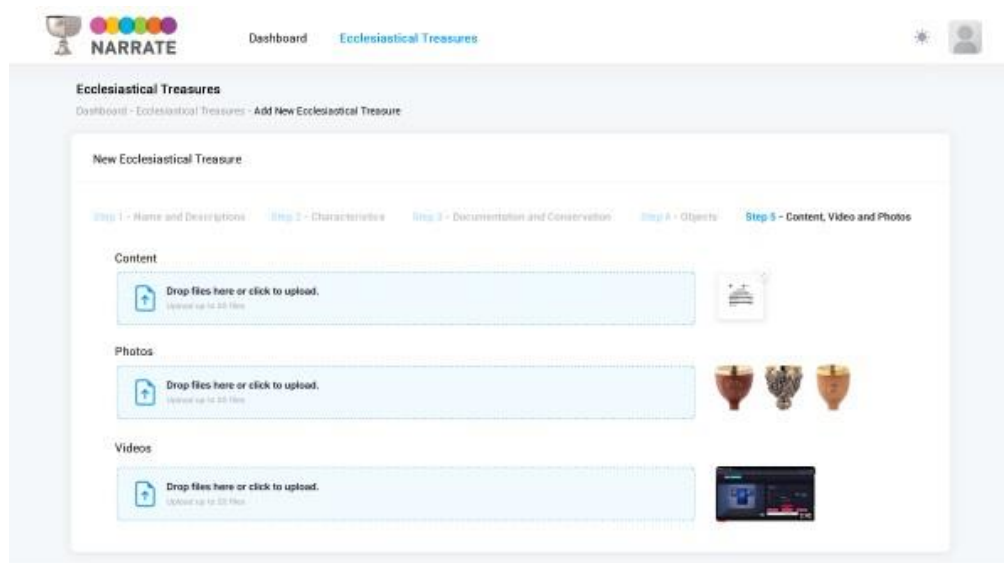
Group of Objects  + Add Delete

Collection

## Data Entry for the new treasure:

- Group of objects
- Collection

# Catalogue a New Ecclesiastical Treasure- Step 5

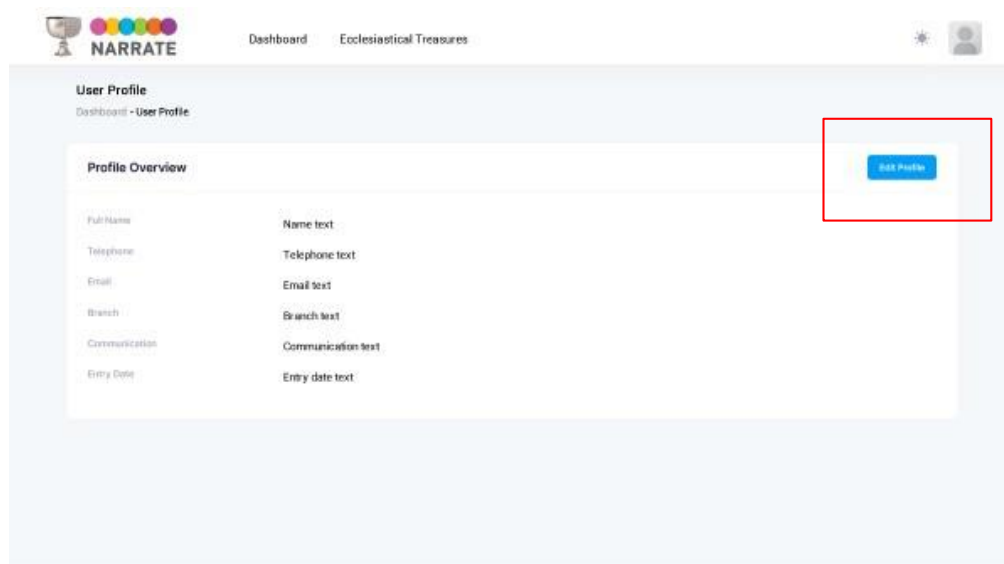


The screenshot shows the NARRATE web application interface. At the top, there's a navigation bar with 'Dashboard' and 'Ecclesiastical Treasures'. Below this, the main heading is 'Ecclesiastical Treasures' with a sub-heading 'Dashboard - Ecclesiastical Treasures - Add New Ecclesiastical Treasure'. The form is titled 'New Ecclesiastical Treasure' and has five steps: Step 1 - Name and Descriptions, Step 2 - Characteristics, Step 3 - Documentation and Conservation, Step 4 - Objects, and Step 5 - Content, Video and Photos. Step 5 is currently active. It contains three sections: 'Content' with a file upload area (up to 30 files), 'Photos' with a file upload area (up to 30 files) and three thumbnail images of chalices, and 'Videos' with a file upload area (up to 30 files) and one thumbnail image of a video player.

## Data Entry for the new treasure:

- Content
- Photos
- Videos

# Account Management– Profile Overview



**User Profile**  
Dashboard - User Profile

**Profile Overview**

Full Name: Name text

Telephone: Telephone text

Email: Email text

Branch: Branch text

Communication: Communication text

Entry Date: Entry date text

[Edit Profile](#)

## Features:

- Set profile picture
- Set full name



# Formative Evaluation Questions



# Formative Evaluation Questionnaire

## User Needs and Goals

1. In your opinion, what information is necessary for a digital description of ecclesiastical treasures?

Type of information	
Unique number/identifier of the object	
Name of the object	
Age of the object	
Author/Creator (if applicable)	
Description of the object	
Dimensions	
Material/s that is made of	
Inscription on the object	
Language of the inscription	
What is written in the inscription?	
Conservation status	
Stages of preservation	
Description of the previous preservation interventions	
Is it fragmentary?	
Are there any other fragments, and where?	
Is it associated with another object?	
Is it associated with a miracle?	
Is it associated with an important historic event?	
Is it associated with a custom?	
Relevant bibliography/ scientific references	
Church/Monastery who owns it	
Liturgical use	



# Formative Evaluation Questionnaire

## User Needs and Goals

2. What, in your opinion, is the preferred method of documenting ecclesiastical-historical treasures?

<input type="checkbox"/>	Simplist
<input type="checkbox"/>	Catalogue
<input type="checkbox"/>	Album
<input type="checkbox"/>	Other, please suggest





# Formative Evaluation Questionnaire

## Usability and User Experience

3. Will it be simple, in your opinion to create an account on NARRATE?

Strongly Agree
Agree
Undecided / Neutral
Disagree
Strongly Disagree

4. Will it be straightforward, in your opinion, to determine where to put your information on the object being documented?

Strongly Agree
Agree
Undecided / Neutral
Disagree
Strongly Disagree



# Formative Evaluation Questionnaire

## Content Relevance and Coverage

5. From your perspective, are any cultural documentation demands/ fields concerning ecclesiastical treasures, besides language, history, traditions, and artifacts, that the proposed tool could include?

<input type="checkbox"/>	No, the NARRATE tool has covered a broad range of cultural documentation needs
<input type="checkbox"/>	Undecided / Neutral
<input type="checkbox"/>	Yes, the NARRATE tool could include extra information like ..... (please suggest)



# Formative Evaluation Questionnaire

## Accessibility

6. According to your opinion, is the tool user-friendly for individuals with varying levels of technical expertise?

<input type="radio"/>	Strongly Agree
<input type="radio"/>	Agree
<input type="radio"/>	Undecided / Neutral
<input type="radio"/>	Disagree
<input type="radio"/>	Strongly Disagree



# End

Thank you for taking part in our survey