

# Design Document

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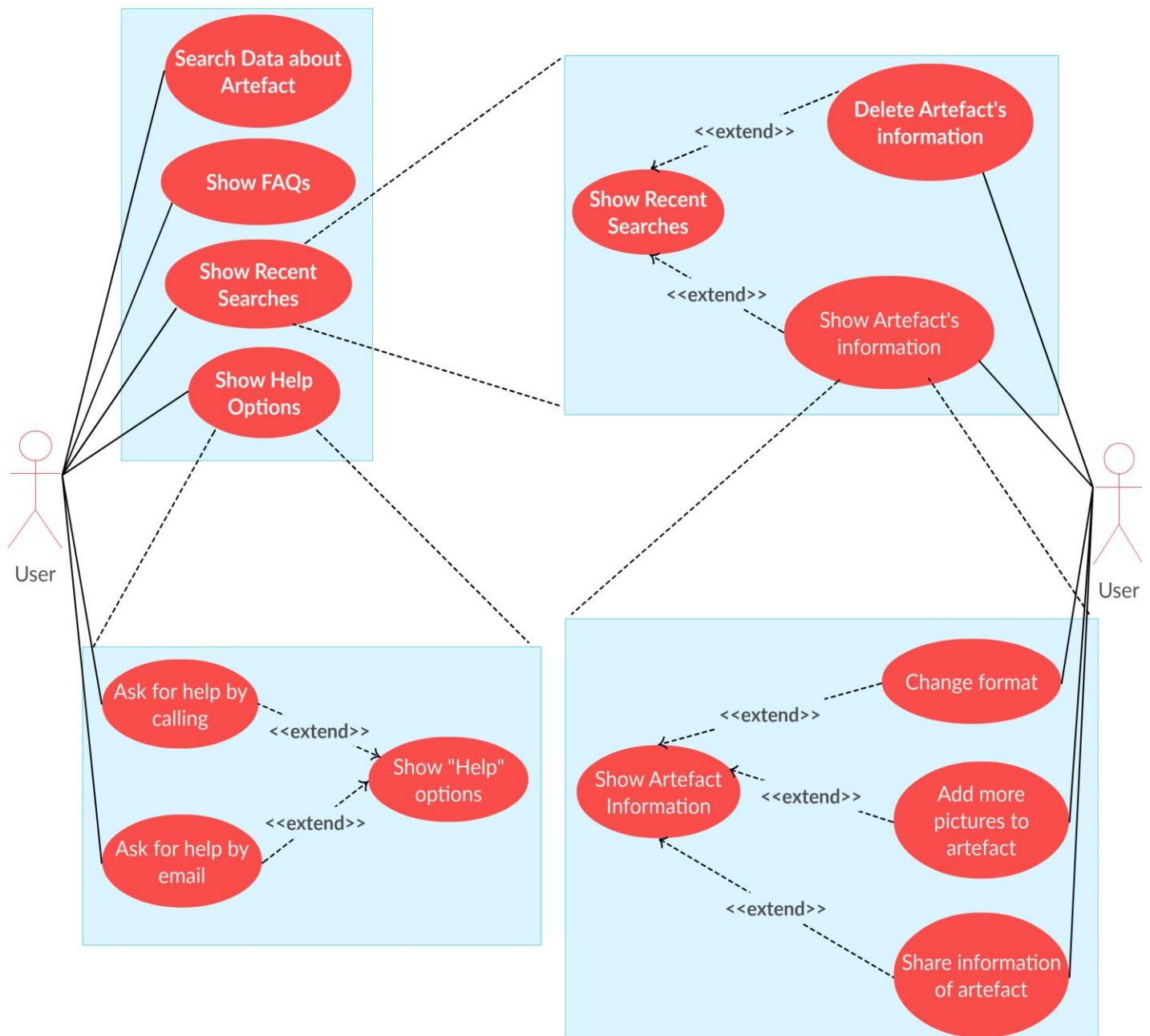
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## 1. Use Case Diagram



## Text Description

**U1.0.0:** search-artefact: Using this use case the user can search data about the artefact placed in the museum.

### Scenario 1: Mainline Sequence

1. User: Selects "Search Data About Artefact" option.
2. System: Opens the camera and starts searching data about the artefact.
3. User: Points camera on the artefact.
4. System: Displays data about the artefact on the screen.

### Scenario 2: Alternate Sequence (at step 4 of mainline sequence)

1. System: Displays the error that internet connection is not good and try again later

### Scenario 3: Alternate Sequence (at step 4 of mainline sequence)

1. System: Artefact not found in the database, try searching again for the same or different artefact.

**U2.0.0:** FAQ: Using this use case the user can see how to use the app.

### Scenario 1: Mainline Sequence

1. User: chooses "Show FAQs" option
2. System: Shows the FAQs

**U3.0.0:** recent-searches: Using this use case, the user can see data and pictures of the previously searched artefacts.

### Scenario 1: Mainline Sequence

1. User: Selects "Show Recent Searches" option
2. System: Shows the recent search histories of all the artefacts already searched by user and show data and pictures of those artefacts

### Scenario 2: Alternate Sequence (at step 2 of mainline sequence)

1. System: Displays message that "No recent search history found, Search for the artefact"

**U3.1.0:** artefact-information: Using this use case: the user can see the artefact data and images.

**Scenario 1: Mainline Sequence**

1. User: Selects artefact to see its information
2. System: Displays artefact data and images

**U3.1.1:** page-format: Using this use case, the user can change the color and size of text and color of background.

**Scenario 1: Mainline Sequence**

1. User: Selects “Change format” option
2. System: Show page to change format
3. User: Selects desired text format and background color based on user selection
4. System: Changes text format and background color based on user selections

**U3.1.2:** add-pictures: Using this use case, the user can add more images of the artefact.

**Scenario 1: Mainline Sequence**

1. User: Selects “Add more pictures of artefact” option
2. System: Opens camera
3. User: Takes pictures of artefact and select desired picture
4. System: Adds picture of the artefact in the information about the artefact

**U3.1.3:** share-artefact-information: Using this use case, the user can share information about the artefact.

**Scenario 1: Mainline Sequence**

1. User: Selects “Share Info” option
2. System: Open Sharing app
3. User: Share information with his friends

**U3.2.0:** delete-artefact-information: Using this use case, the user can delete the artefact data and images both.

**Scenario 1: Mainline Sequence**

1. User: Selects artefact to delete
2. System: Deletes artefact data and images

**U4.0.0:** help-options: Using this use case the user can see what are different options to help.

**Scenario 1: Mainline Sequence**

1. User: Selects “Show Help” options button
2. System: Displays different options for help

**U4.1.0:** telephonic-help: Using this use case, the user can ask for help via a telephone.

**Scenario 1: Mainline Sequence**

1. User: Selects “Ask for Telephone Help” option
2. System: Calls the customer care executive
3. User: Takes help from customer care executive

**U4.2.0:** email-help: Using this use case, the user can ask for help through email.

**Scenario 1: Mainline Sequence**

1. User: Selects: “Ask for email help” option
2. System: Opens the mailing app
3. User: Takes help through email facility

## 2.Class Diagram

