Project Team 5 ARTYFY

COMP8117 Fall 2021

**Sprint - 3 Report**

# **Objectives of the sprint**

The objective of the sprint is to implement admin persona of the system. This sprint includes Listing arts, i.e., View or fetch arts from the database and also, to create UI for the same. User can also be able to upload picture of art that can be used for finding arts. By the end of this sprint, Users can edit the details of their museum after registration rather than just giving details only at registration. This sprint includes below tasks related to above features

1. View Art : Single art view
2. View Art : List view of art
3. Upload Picture of Art
4. Museum Registration and edit details improvements
5. Better UI for all Lists in system
6. Improvement of OTP and manage arts module

# **Tasks**

* **Scrum meetings**

Conducted the scrum meetings in the team to gather the requirements which are provided by the customer and discussed the progress and implementation throughout the sprint.

* **Meeting with customer**

Customer gave related inputs and validation is done for every screen present and for milestone meeting, required presentations & feedback is taken at end of sprint.

* **Specifications**

Specify the list of arts features for reusability.

**Introduction:**

To fetch the list of arts that are saved in the database and integrating it with UI for further purposes.

**Inputs**

User will provide the details of art from which the list of arts can be fetched from the database, accordingly.

**Processing**

Basing on inputs details which was given by user, a list of arts is fetched

from the database and integrating it so that we have reusability of components of that list. This integration is done with other screens and back-end so that the data that is added by user, is processed accordingly.

**Output**

Users can now fetch list of arts by providing some details and that can be further used for future purposes.

* **Uploading Picture**

**Introduction:**

To provide a screen from which user can upload a picture of art and that can be processed using algorithm.

**Inputs:**

User uploads a picture from the UI screen and then, this image reaches the algorithm for further processing.

**Processing**:

When user uploads a picture from the screen, it reaches the Art Finder algorithm for further processing in which it undergoes through loading the image and passing the image through fire base. The algorithm checks for the image and then it is saved to the database for future references.

**Output:**

After uploading picture from UI and processing from the algorithm, it’s ready to be saved into the database. Thus, the processed image reaches the database for future purposes.

* **Alterations in Museum Registration**

**Introduction:**

To provide flexibility to change details of museum after registration process.

**Inputs:**

User adds or edit details about museums so that the location of museum can be changed or altered according to the requirements.

**Processing**:

With this feature user can edit the details about museum especially the location details. Thus, the updated information can be saved into database and can be picked for future references.

**Output:**

User will get notified that the information is updated and it’s successfully into the database.

**Miscellaneous Tasks:**

There were miscellaneous tasks that includes integration issues with add, delete and update modules, Recycler view failed to show required details, OTP verification for user, Suggestions UI and algorithm improvements for Art Finder.

**Design** -

We are using location of the user to during museum, so, consent of user must be taken. For view arts module, all the necessary details must be included for single view and main details must be shown in list view. Picture upload needs to take storage and camera permissions while uploading or taking a picture for upload.

**Implementation -**

Upload picture is implemented in two ways. 1. uploading from storage and uploading by capturing a image and it must be passed on to algorithm. Museum registration must be moved to manage module of owner level abstraction and must be feasible to edit details. View art single art view & multi view must be done as per design of mock-up. Improvements from backlog are already implemented but needs more flexibility.

**Test**

Testing should be done on museum details updation mainly the location change as it does not a manually updated one, verifying the view of art whether all details are visible in the system, as there are changes in manage arts module & OTP generating processes, those features thoroughly tested again. Uploading of image for art finder needs to be checked and overall system test must be done to ensure the overall system functionality and interoperability of features.

Working days: Wednesday to Sunday

Holiday: Monday & Tuesday

1. **Provisional Planning of the Sprint**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Task** | **PSD** | **PED** | **Expected Duration** | **Expected Assignee** | **Dependent Tasks** | **Expected artifacts** |
| View Arts : List of Arts | Nov 3 | Nov 7 | 4d 2h | Deepak | 81 |  |
| View Arts : arts page | Nov 3 | Nov 13 | 1w 1d | Varun  Bhargav | 82 |  |
| Art Finder – Uploading Picture Screen | Nov 3 | Nov 7 | 4d 2h | Nupur | 83 |  |
| Art Finder : Suggestion UI | Nov 3 | Nov 4 | 6h | Pravallika | 84 |  |
| System Testing for Sprint-2 | Nov 3 | Nov 4 | 5h | Yuva | 94 |  |
| Bugs : Sprint-2 | Nov 4 | Nov 14 | 1w 1d | Yuva  Varun  Pravallika | 118 |  |
| Changing Location of Museum Registration | Nov 3 | Nov 12 | 1w | Shruthi  Pravallika | 119 |  |
| Art Finder: Algorothm Improvements | Nov 3 | Nov 5 | 2d 1h | Narayana | 120 |  |
| Project Management- Sprint 3 | Nov 1 | Nov 15 | 3w 1d | Yuva | 121 |  |
| Documentation : Sprint 3 | Nov 14 | Nov 15 | 3h | Yuva | 136 |  |

1. **Effective Planning**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Task** | **Related Tasks** | **PSD** | **PED** | **Expected Duration** | **Expected Assignee** | **Dependent Tasks** | **Expected artifacts** |
| View Arts : List of Arts | 1)Fetching and Integrating List of Arts  2)Functional testing : List of arts  3)List of Arts : Reusing Components of List - UI | Nov 3 | Nov 7 | 4d 2h | Deepak | 81 |  |
| View Arts : arts page | 1)Creating View Art  2)Functional Testing : View art  3) View arts : integration with other screens  4) View Arts : Backend and Data | Nov 3 | Nov 13 | 1w 1d | Varun  Bhargav | 82 |  |
| Art Finder – Uploading Picture Screen | 1)Functional Testing- upload picture  2) Picture Upload: upload Screen  3) Picture Upload: loading image and passing to algorithm through firebase | Nov 3 | Nov 7 | 4d 2h | Nupur | 83 |  |
| Art Finder : Suggestion UI |  | Nov 3 | Nov 4 | 6h | Pravallika | 84 |  |
| System Testing for Sprint-2 |  | Nov 3 | Nov 4 | 5h | Yuva | 94 |  |
| Bugs : Sprint-2 | 1)Recycler view failed to show required fields  2) OTP Verification for User  3)Integration issues in add, delete and update modules of art. | Nov 4 | Nov 14 | 1w 1d | Yuva  Varun  Pravallika | 118 |  |
| Changing Location of Museum Registration | 1)Chnaging Registration to add/edit details of museum  2) Museum Data and Backend Changes  3) Functional Testing: Museum Chnages | Nov 3 | Nov 12 | 1w | Shruthi  Pravallika | 119 |  |
| Art Finder: Algorothm Improvements |  | Nov 3 | Nov 5 | 2d 1h | Narayana | 120 |  |
| Project Management- Sprint 3 |  | Nov 1 | Nov 15 | 3w 1d | Yuva | 121 |  |
| Documentation : Sprint 3 |  | Nov 14 | Nov 15 | 3h | Yuva | 136 |  |

\*\*w : week

d : day

h : hours

(Our team worked from Wednesday to Sunday in the week, taking leave on Monday and Tuesday)

1. **Review**

* The View arts feature is working as expected. We are able to fetch the list of arts and view it in the View arts page as required.
* As discussed in sprint 2 we have completed the improvising in edit of museum details feature and Location changes have been implemented perfectly.
* We have completed the Uploading of images in the Art finder feature. Necessary changes are being made to the art finder algorithm and we are working towards implementing more of the art finder feature in sprint 4.
* We have come across several Bugs during this sprint. Some of them are- Recycler view failed to show required fields, issues in OTP Verification for User, Integration issues in add, delete and update modules of art. Necessary bug fixes have been implemented in this sprint.
* We will be carrying out more testing and bug fixes in sprint 4 as well.

1. **Retrospective**

* We organized scrum meetings with all the team members based on their availability and communicated regarding our individual contribution and their respective tasks.
* Based on the customer inputs and suggestions we implemented the features and their functionalities accordingly.
* Tasks allocation and time logging was done in Jira.
* As we focused more on the implementation in this sprint, we will also give more preferences towards the documentation such as sprint report, presentation to the customer and other required documents along with the implementation.