

1. Functional Requirements:

1.1. User Requirements

- 1.1.1. Sign Up
- 1.1.2. Sign In
- 1.1.3. Guest Users
- 1.1.4. Registered Users
- 1.1.5. Artist Profiles
- 1.1.6. General User Profiles
- 1.1.7. Communication
- 1.1.8. Commenting and Rating Art Galleries
- 1.1.9. Artist Panel

1.2. System Requirements

- 1.2.1. Searching/Filtering/Sorting Art Galleries
- 1.2.2. Recommendation
- 1.2.3. Notifications

2. Non Functional Requirements:

2.1 Annotations

- 2.1.1 Annotations shall comply with the W3C Web Annotation Data Model
- 2.1.2 Annotations shall follow W3C standards

2.2 Accessibility

- 2.2.1 Platform shall support English language.
- 2.2.2 Platform shall be accessible via a web browser and an android device.
 - 2.2.2.1 Platform shall support modern web browsers (Chrome, Opera, Safari, Firefox, Edge)
 - 2.2.2.2 Platform shall support Android version 10 or above
 - 2.2.2.3 The size of android application should be less than 200MB
- 2.2.3 The user interface of the platform (color theme, design etc.) shall not obscure the artworks displayed on the screen. The design shall emphasize and bring the displayed artworks into the forefront.

2.3 Performance and Reliability

- 2.3.1 The uptime shall be at least 99%
- 2.3.2 The response time shall be as short as possible(maximum limit 3 sec)
- 2.3.3 The platform shall support at least 5000 users actively using it at the same time
- 2.3.4 The platform shall have 85 percent maintainability for 24 hours

2.4 Security

- 2.4.1 The platform shall support HTTPS protocol
- 2.4.2 The passwords of users shall be encrypted in the database
- 2.4.3 The password shall be at least 8 characters long, with at least 1 uppercase letter, 1 lowercase letter and 1 special symbol.
- 2.4.4 A verification email shall be sent for the verification of the user email address

2.5

- 2.5.1 Usage of personal information should shall comply with the rules of GDPR and KVKK
- 2.5.2 Users shall read and accept "Terms of Use" and "Privacy Policy" before signing up