**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

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| --- | --- |
| Date | 26.06.2025 |
| Team ID | SWUID20240036329 |
| Project Name | Ora Social Media App |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

**Functional Requirements – Music Streaming App**

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| --- | --- | --- |
| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| **FR-1** | **User Authentication** | **Sign up, Login, Logout (JWT Auth) Token-based access control** |
| **FR-2** | **Post System** | **Upload photo posts with captions Store images using Cloudinary** |
| **FR-3** | **Feed & Interaction** | **Display all posts in a public feed Like, save, and comment functionality** |
| **FR-4** | **Profile Management** | **View/edit profile and post history Edit/Delete own posts** |

**Non-functional Requirements:**

Following are the non-functional requirements of the proposed solution.

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| **NFR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | Usability | Clean, mobile-friendly UI with intuitive navigation (React + Tailwind) |
| NFR-2 | Security | JWT-based authentication, HTTPS, role restrictions |
| NFR-3 | Reliability | Ensure post upload, like/save/comment always work correctly |
| NFR-4 | Performance | Feed and profile load under 2s; interaction responses near-instant |
| NFR-5 | Availability | Maintain 99.9% uptime for API & frontend |
| NFR-6 | Scalability | App should support growing user base with MongoDB Atlas and REST APIs |