

**Project Design Phase-II**  
**Solution Requirements (Functional & Non-functional)**

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|----------------------|--|
| <b>Date</b>          | 2 february 2026                        |
| <b>Team ID</b>       | LTVIP2026TMIDS65523                    |
| <b>Project Name</b>  | Gemini historical artifact description |
| <b>Maximum Marks</b> | 4 marks                                |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

| <b>FR No.</b> | <b>Functional Requirement (Epic)</b>     | <b>Sub Requirement (Story / Sub-Task)</b>  |
|---------------|--|--|
| FR-1          | Artifact Data Management                 | Upload and store Gemini historical artifact information including name, mission, description |
| FR-2          | Artifact Search and Retrieval            | Allow users to search and retrieve artifact information quickly and accurately               |
| FR-3          | Artifact Preservation Tracking           | Track artifact condition, preservation status, and storage details                           |
| FR-4          | User Management, access, and maintenance | Allow administrator to manage users to control system security                               |

**Non-functional Requirements:**

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

| <b>FR No.</b> | <b>Non-Functional Requirement</b> | <b>Description</b>   |
|---------------|-----------------------------------|--|
| NFR-1         | <b>Usability</b>                  | The system shall provide a simple and user-friendly interface that allows users to easily search and view artifact information |
| NFR-2         | <b>Reliability</b>                | The system shall consistently store and retrieve artifact data accurately without data loss                                    |
| NFR-3         | <b>Performance</b>                | The system shall display artifact information  |
| NFR-4         | <b>Availability</b>               | The system shall be available and operational during research and educational usage  |

