

## Project Planning Phase

### Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

|               |  |
|---------------|--|
| Date          | 16 February 2026                       |
| Team ID       | LTVIP2026TMIDS79258                    |
| Project Name  | Gemini Historical Artifact Description |
| Maximum Marks | 5 Marks                                |

#### Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

| Sprint   | Functional Requirement (Epic) | User Story Number | User Story / Task  | Story Points | Priority | Team Members     |
|----------|-------------------------------|-------------------|--|--------------|----------|------------------|
| Sprint-1 | User Interface Setup          | USN-1             | As a user, I can access a Streamlit interface to enter artifact name and word count. | 2            | High     | All Team Members |
| Sprint-1 | Input Validation              | USN-2             | As a user, I want the system to validate inputs before generating description.       | 1            | High     | All Team Members |
| Sprint-2 | AI Model Integration          | USN-3             | As a user, I want the system to generate artifact description using Gemini AI.       | 3            | High     | All Team Members |
| Sprint-2 | Historical Fact Feature       | USN-4             | As a user, I want to see a historical fact while description generates.              | 1            | Medium   | All Team Members |
| Sprint-3 | Output Display                | USN-5             | As a user, I want to view generated artifact description clearly on screen.          | 2            | High     | All Team Members |
| Sprint-3 | Deployment                    | USN-6             | As a user, I want the application deployed and accessible online.                    | 2            | Medium   | All Team Members |

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

| <b>Sprint</b> | <b>Total Story Points</b> | <b>Duration</b> | <b>Sprint Start Date</b> | <b>Sprint End Date (Planned)</b> | <b>Story Points Completed</b> | <b>Sprint Release Date</b> |
|---------------|---------------------------|-----------------|--------------------------|----------------------------------|-------------------------------|----------------------------|
| Sprint 1      | 20                        | 4 Days          | 10 Feb 2026              | 14 Feb 2026                      | 20                            | 14 Feb 2026                |
| Sprint 1      | 20                        | 4 Days          | 10 Feb 2026              | 14 Feb 2026                      | 20                            | 14 Feb 2026                |
| Sprint 2      | 20                        | 7 Days          | 15 Feb 2026              | 21 Feb 2026                      | 20                            | 21 Feb 2026                |
| Sprint 2      | 20                        | 7 Days          | 15 Feb 2026              | 21 Feb 2026                      | 20                            | 21 Feb 2026                |
| Sprint 3      | 20                        | 6 Days          | 22 Feb 2026              | 28 Feb 2026                      | 20                            | 28 Feb 2026                |
| Sprint 3      | 20                        | 6 Days          | 22 Feb 2026              | 28 Feb 2026                      | 20                            | 28 Feb 2026                |