

## Project Planning Phase

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

|               |                        |
|---------------|------------------------|
| Date          | 11 February 2026       |
| Team ID       | LTVIP2026TMIDS74725    |
| Project Name  | Heart Disease Analysis |
| Maximum Marks | 8 Marks                |

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

| Sprint   | Functional Requirement (Epic) | User Story Number | User Story / Task                                   | Story Points | Priority | Team Members |
|----------|-------------------------------|-------------------|---|--------------|----------|--------------|
| Sprint-1 | Data Collection               | USN-1             | Download Heart Disease dataset from reliable source | 3            | High     | P Janaki Ram |
| Sprint-1 | Data Understanding            | USN-2             | Analyse and understand dataset attributes           | 3            | High     | P Janaki Ram |
| Sprint-1 | Database Setup                | USN-3             | Import dataset into database                        | 4            | High     | P Janaki Ram |
| Sprint-1 | Tableau Connection            | USN-4             | Connect Tableau Desktop to database                 | 4            | High     | P Janaki Ram |
| Sprint-1 | Data Preparation              | USN-5             | Clean and prepare dataset for visualization         | 6            | High     | P Janaki Ram |
| Sprint-2 | Data Visualization            | USN-6             | Create charts & Heart Disease analysis visuals      | 5            | High     | P Janaki Ram |
| Sprint-2 | Dashboard Creation            | USN-7             | Design interactive dashboard                        | 5            | High     | P Janaki Ram |
| Sprint-2 | Story Creation                | USN-8             | Create Heart Disease analytics story in Tableau     | 3            | High     | P Janaki Ram |
| Sprint-2 | Publishing                    | USN-9             | Publish dashboard to Tableau Public                 | 3            | High     | P Janaki Ram |
| Sprint-2 | Website Integration           | USN-10            | Embed dashboard into website                        | 4            | High     | P Janaki Ram |
| Sprint-3 | Website Navigation            | USN-11            | Develop website sections                            | 4            | High     | P Janaki Ram |
| Sprint-3 | Contact Form                  | USN-12            | Implement form validation                           | 4            | High     | P Janaki Ram |
| Sprint-3 | Responsive Design             | USN-13            | Make website mobile responsive                      | 5            | Medium   | P Janaki Ram |
| Sprint-3 | Testing                       | USN-14            | Cross-browser testing                               | 3            | Medium   | P Janaki Ram |

| Sprint   | Functional Requirement (Epic) | User Story Number | User Story / Task             | Story Points | Priority | Team Members |
|----------|-------------------------------|-------------------|-------------------------------|--------------|----------|--------------|
| Sprint-3 | Final Review                  | USN-15            | Final deployment & bug fixing | 4            | High     | P Janaki Ram |

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

| Sprint   | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed (as on Planned End Date) | Sprint Release Date (Actual) |
|----------|--------------------|----------|-------------------|---------------------------|---|------------------------------|
| Sprint-1 | 20                 | 7 Days   | 28 Jan 2026       | 03 Feb 2026               | 20  | 03 Feb 2026                  |
| Sprint-2 | 20                 | 7 Days   | 04 Feb 2026       | 10 Feb 2026               | 20  | 10 Feb 2026                  |
| Sprint-3 | 20                 | 7 Days   | 11 Feb 2026       | 14 Feb 2026               | 20  | 14 Feb 2026                  |
|          |                    |          |                   |                           |   |                              |
|          |                    |          |                   |                           |   |                              |
|          |                    |          |                   |                           |   |                              |
|          |                    |          |                   |                           |   |                              |

$$AV = \text{Sprint duration}/\text{velocity} = 20/7 = 2.85 \sim 3 \text{ story points per day}$$