

# Project Planning Phase

## Product Backlog, Sprint Planning, Stories, Story Points

|               |   |
|---------------|---|
| Date          | 10 February 2026  |
| Team ID       | LTVIP2026TMIDS91327                                       |
| Project Name  | Explore with AI: Custom Itineraries for Your Next Journey |
| Maximum Marks | 5 Marks   |

## Product Backlog & Sprint Schedule

| Sprint | Epic              | USN    | User Story                           | SP | Priority | Team   |
|--------|-------------------|--------|--------------------------------------|----|----------|--------|
| S1     | Registration      | USN-1  | Register using email & password      | 2  | High     | Kalyan |
| S1     | Login             | USN-2  | Login using email & password         | 1  | High     | Kalyan |
| S1     | Dashboard         | USN-3  | Access dashboard after login         | 2  | High     | Kalyan |
| S2     | AI Generation     | USN-4  | Enter destination, budget & duration | 5  | High     | Kalyan |
| S2     | AI Integration    | USN-5  | Integrate AI API for itinerary       | 8  | High     | Kalyan |
| S2     | Display Plan      | USN-6  | View day-wise itinerary              | 3  | Medium   | Kalyan |
| S3     | Budget Estimation | USN-7  | View cost breakdown                  | 3  | Medium   | Kalyan |
| S3     | Save Trips        | USN-8  | Save generated itineraries           | 2  | Medium   | Kalyan |
| S4     | Error Handling    | USN-9  | Handle API & input errors            | 3  | High     | Kalyan |
| S4     | Deployment        | USN-10 | Deploy to cloud platform             | 5  | High     | Kalyan |

## Project Tracker & Sprint Details

| Sprint   | Total SP | Duration | Start Date  | End Date    | Completed SP | Release Date |
|----------|----------|----------|-------------|-------------|--------------|--------------|
| Sprint-1 | 5        | 6 Days   | 05 Jan 2026 | 10 Jan 2026 | 5            | 10 Jan 2026  |
| Sprint-2 | 16       | 6 Days   | 12 Jan 2026 | 17 Jan 2026 | 15           | 18 Jan 2026  |
| Sprint-3 | 5        | 6 Days   | 19 Jan 2026 | 24 Jan 2026 | 5            | 24 Jan 2026  |
| Sprint-4 | 8        | 6 Days   | 26 Jan 2026 | 31 Jan 2026 | 8            | 31 Jan 2026  |

## Velocity Calculation

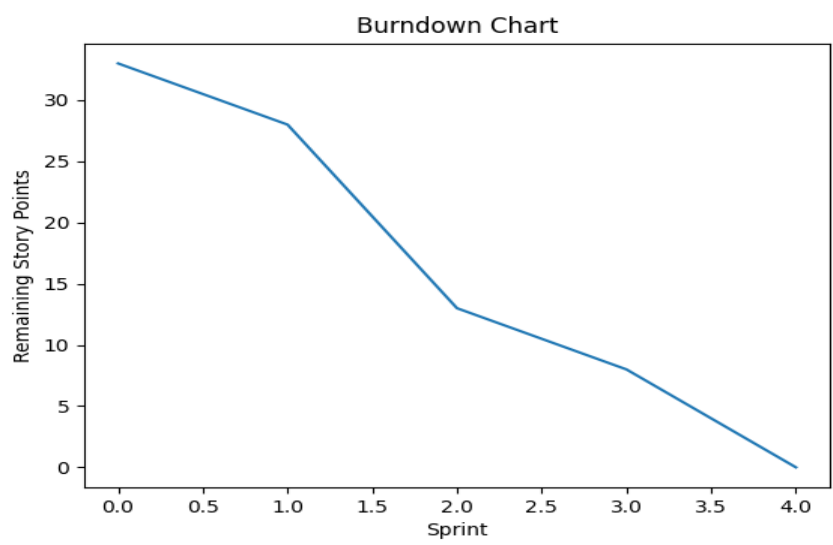
Total Story Points Completed: 33

Total Sprints: 4

Average Velocity per Sprint:  $33 / 4 = 8.25 \approx 8$  SP

Average Velocity per Day:  $33 / 24 = 1.37$  SP

# Burndown Chart



# Velocity Chart

