**Project Planning**

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| **Date** | 15 February 2025 |
| **Team ID** | LTVIP2025TMID48379 |
| **Project Name** | Student Health and Lifestyle Analysis |

**Product Backlog, Sprint Schedule, and Estimation**

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** | **Notes** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Data Collection | USN-1 | As a user, I want to collect student lifestyle survey data | 2 | High | Nalamalapu Vasu Reddy |  |
| Sprint-1 | Data Collection | USN-2 | As a user, I want to load the collected data into Tableau | 1 | High | N Sai Teja Surya Vaibhav |  |
| Sprint-1 | Data Preprocessing | USN-3 | As a user, I want to handle missing values in the dataset | 3 | Medium |  |  |
| Sprint-1 | Data Preprocessing | USN-4 | As a user, I want to encode and handle categorical variables | 2 | Medium | N Sai Teja Surya Vaibhav |  |
| Sprint-2 | Model Building | USN-5 | As a user, I want to build a predictive model using the data | 5 | High |  |  |
| Sprint-2 | Model Building | USN-6 | As a user, I want to test and validate the model | 3 | High |  |  |
| Sprint-2 | Deployment | USN-7 | As a user, I want working HTML pages for deployment | 3 | Medium |  |  |
| Sprint-2 | Deployment | USN-8 | As a user, I want to deploy the application using Flask | 5 | High |  |  |

**Project Tracker**

| **Sprint** | **Total Story Points** | **Duration** | **Sprint Start Date** | **Sprint End Date (Planned)** | **Story Points Completed** |
| --- | --- | --- | --- | --- | --- |
| Sprint-1 | 8 | 5 Days | 01 July 2025 | 05 July 2025 | 8 |
| Sprint-2 | 16 | 5 Days | 06 July 2025 | 10 July 2025 | 16 |

**References:**

* <https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>
* <https://www.atlassian.com/agile/tutorials/burndown-charts>