**Initial Project Planning Template**

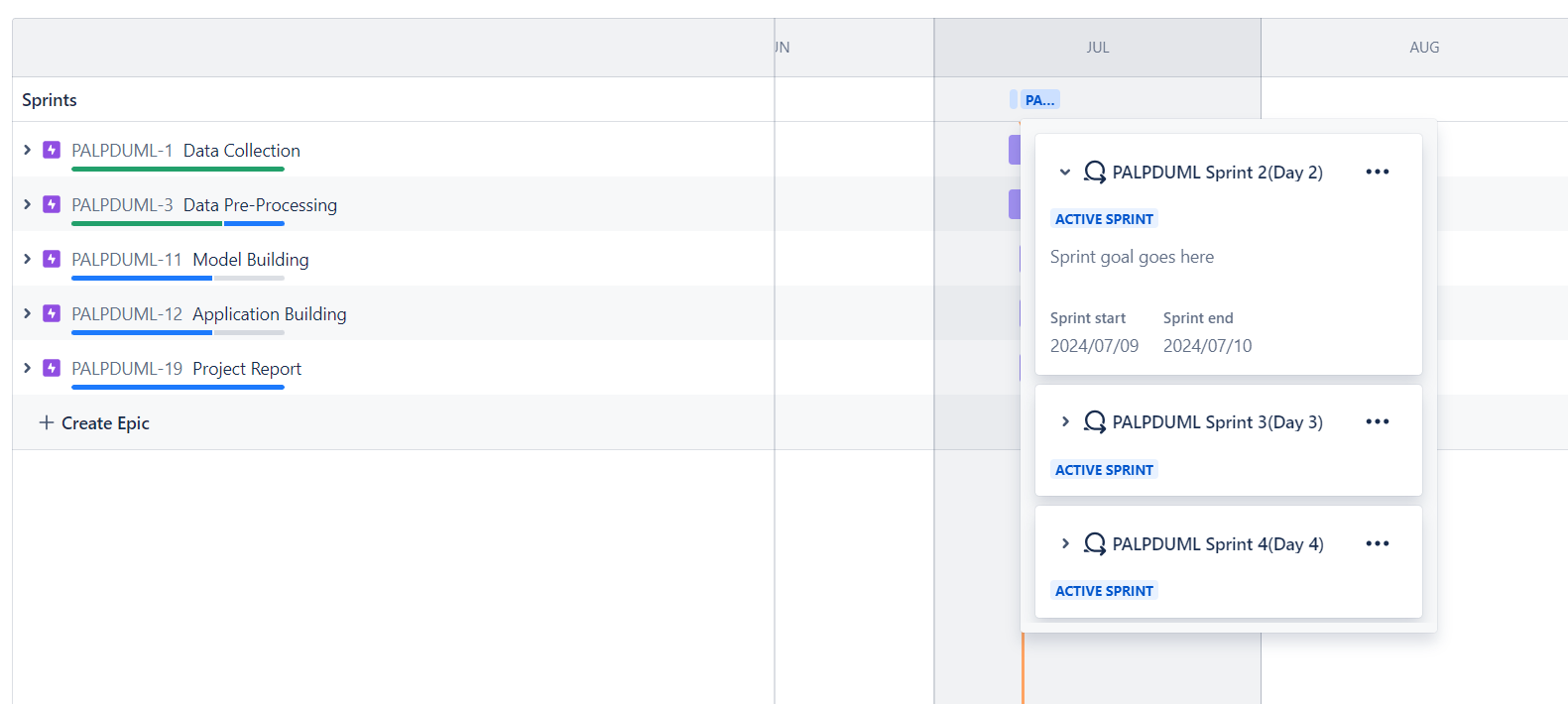
|  |  |
| --- | --- |
| Date | 09 July 2024 |
| Team ID | SWTID1720013031 |
| Project Name | Prediction and Analysis of Liver Patient Data Using Machine Learning |
| Maximum Marks | 4 Marks |

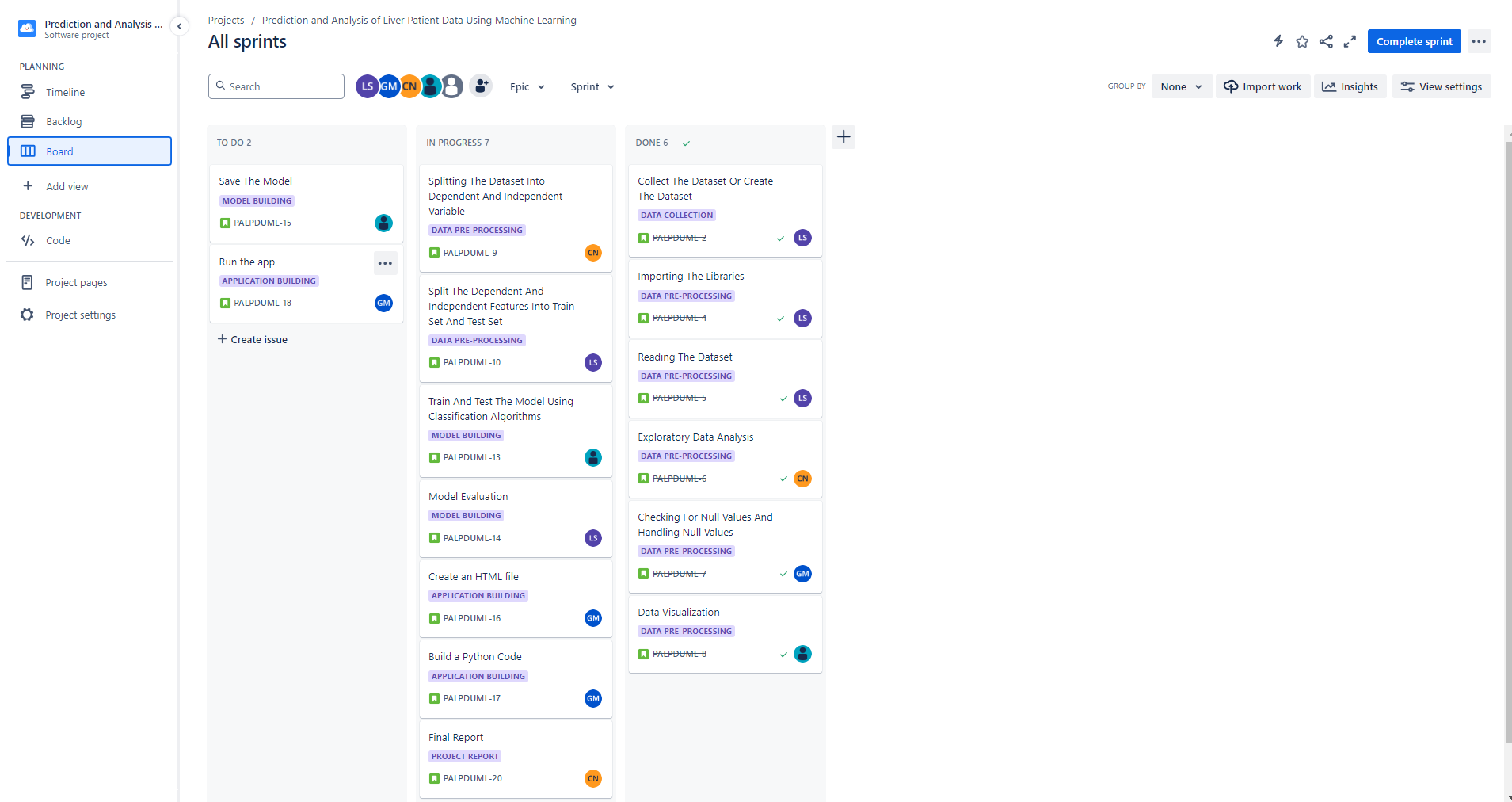
**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

Use the below template to create a product backlog and sprint schedule

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** | **Sprint Start Date** | **Sprint End Date (Planned)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Data Collection | PALPDUML-2 | Collect the Dataset or Create the Dataset | 2 | High | Lalith Kumar | 2024/07/08 | 2024/07/09 |
| Sprint-1 | Data Pre-Processing | PALPDUML-4 | Importing the Libraries | 1 | Medium | Lalith Kumar | 2024/07/08 | 2024/07/09 |
| Sprint-1 | Data Pre-Processing | PALPDUML-5 | Reading the Dataset | 2 | Medium | Lalith Kumar | 2024/07/08 | 2024/07/09 |
| Sprint-1 | Data Pre-Processing | PALPDUML-6 | Exploratory Data Analysis | 1 | Medium | Chidvilasini | 2024/07/08 | 2024/07/09 |
| Sprint-1 | Data Pre-Processing | PALPDUML-7 | Checking For Null Values and Handling Null Values | 1 | Medium | Giri Prasad | 2024/07/08 | 2024/07/09 |
| Sprint-1 | Data Pre-Processing | PALPDUML-8 | Data Visualization | 2 | Low | Vaishnavi | 2024/07/08 | 2024/07/09 |
| Sprint-2 | Data Pre-Processing | PALPDUML-9 | Splitting The Dataset Into Dependent And Independent Variable | 1 | Medium | Chidvilasini | 2024/07/09 | 2024/07/10 |
| Sprint-2 | Data Pre-Processing | PALPDUML-10 | Split The Dependent And Independent Features Into Train Set And Test Set | 1 | Medium | Lalith Kumar | 2024/07/09 | 2024/07/10 |
| Sprint-2 | Model Building | PALPDUML-13 | Train And Test The Model Using Classification Algorithms | 3 | High | Vaishnavi | 2024/07/09 | 2024/07/10 |
| Sprint-2 | Model Building | PALPDUML-14 | Model Evaluation | 2 | Medium | Lalith Kumar | 2024/07/09 | 2024/07/10 |
| Sprint-2 | Model Building | PALPDUML-15 | Save The Model | 1 | Medium | Vaishnavi | 2024/07/09 | 2024/07/10 |
| Sprint-3 | Application Building | PALPDUML-16 | Create an HTML file | 3 | Low | Giri Prasad | 2024/07/10 | 2024/07/11 |
| Sprint-3 | Application Building | PALPDUML-17 | Build a Python Code | 3 | High | Giri Prasad | 2024/07/10 | 2024/07/11 |
| Sprint-3 | Application Building | PALPDUML-18 | Run the app | 2 | Medium | Giri Prasad | 2024/07/10 | 2024/07/11 |
| Sprint-4 | Project Report | PALPDUML-20 | Final Report | 3 | High | Chidvilasini | 2024/07/11 | 2024/07/12 |

**Screenshot:**

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