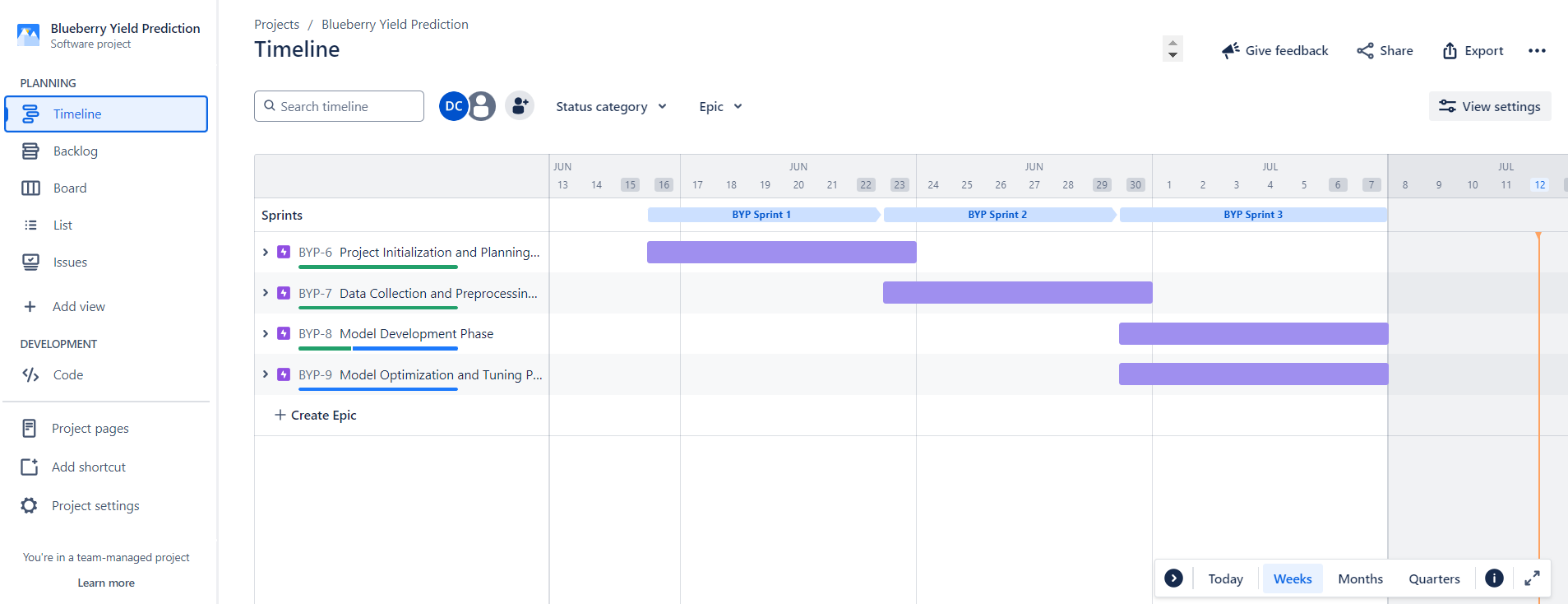
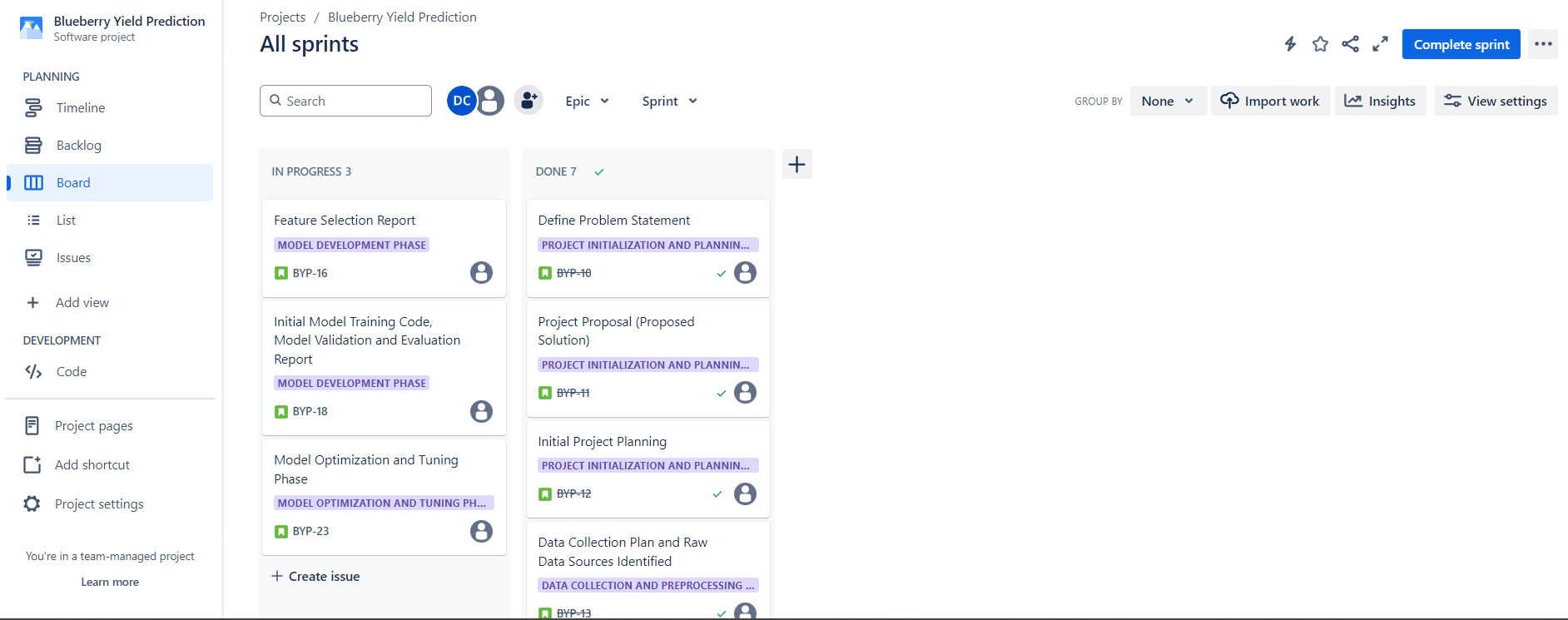
**Initial Project Planning**

|  |  |
| --- | --- |
| Date | 12 July 2024 |
| Team ID | SWTID1720077079 |
| Project Name | Wild Blueberry Yield Prediction |
| Maximum Marks | 4 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 Start Date** | **Sprint End Date (Planned)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Project Initialization and Planning Phase | BYP-10 | Define Problem Statement | 1 | Low | Jackson | 16/06/2024 | 23/06/2024 |
| Sprint-1 | Project Initialization and Planning Phase | BYP-11 | Project Proposal (Proposed Solution) | 1 | Low | Duane | 16/06/2024 | 23/06/2024 |
| Sprint-1 | Project Initialization and Planning Phase | BYP-12 | Initial Project Planning | 1 | Low | Harisankar | 16/06/2024 | 23/06/2024 |
| Sprint-2 | Data Collection and Preprocessing Phase | BYP-13 | Data Collection Plan and Raw Data Sources Identified | 2 | Moderate | Jackson | 23/06/2024 | 30/06/2024 |
| Sprint-2 | Data Collection and Preprocessing Phase | BYP-14 | Data Quality Report | 2 | Low | Amith | 23/06/2024 | 30/06/2024 |
| Sprint-2 | Data Collection and Preprocessing Phase | BYP-15 | Data Exploration and Preprocessing | 2 | Moderate | Duane | 23/06/2024 | 30/06/2024 |
| Sprint-3 | Model Development Phase | BYP-16 | Feature Selection Report | 1 | Low | Amith | 30/06/2024 | 07/07/2024 |
| Sprint-3 | Model Development Phase | BYP-18 | Initial Model Training Code, Model Validation and Evaluation Report | 2 | High | Duane | 30/06/2024 | 07/07/2024 |
| Sprint-3 | Model Development Phase | BYP-17 | Model Selection Report | 2 | High | Jackson | 30/06/2024 | 07/07/2024 |
| Sprint-3 | Model Optimization and Tuning Phase | BYP-23 | Model Optimization and Tuning Phase | 1 | High | Harisankar | 30/06/2024 | 07/07/2024 |

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