**Initial Project Planning**

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| Date | 15 March 2024 |
| Team ID | 739877 |
| Project Name | WCE Curated Colon Disease Classification using Deep Learning |
| 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)** |
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| Sprint-1 | Dataset Collection & Preprocessing | USN-1 | As a developer, I want to collect and clean WCE image datasets for training the model. | 3 | High | D. Harshith | 23/10/24 | 24/10/24 |
| Sprint-1 | Dataset Augmentation | USN-2 | As a developer, I want to augment the dataset to improve model generation | 2 | Medium | P. Geetha | 25/10/24 | 26/10/24 |
| Sprint-2 | |  | | --- | | Model Building |  |  | | --- | |  | | USN-3 | As a developer, I want to design and train a CNN model for colon disease classification | 5 | High | S. Sri Chaithanya | 27/10/24 | 31/10/24 |
| Sprint-2 | Model Evaluation | USN-4 | As a tester, I want to evaluate the model using accuracy, precision, recall and F1-score | 2 | High | S. Sri Chaithanya | 31/10/24 | 5/11/24 |
| Sprint-3 | Deployment | USN-5 | As a user, I want to input a WCE image and get disease classification results from the deployed model. | 3 | High | P. Geetha | 6/11/24 | 12/11/24 |