**Project Planning Phase**

**Project Planning (Product Backlog, Sprint Planning, Stories, Story points)**

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

Use the below template to create product backlog and sprint schedule

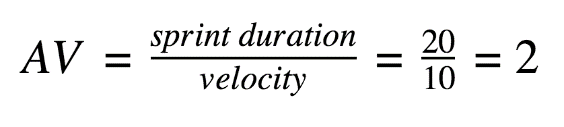
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | 10 | High | ABBEER WANI  PRIYANKA M |
|  | Creating Database | USN-2 | My data will be collected and stored in the database | 10 | High | ABBEER WANI  PRIYANKA M |
| Sprint-2 | Server Scripting | USN-3 | Building Python codes to connect the web page to the database | 10 | High | PRIYANKA M  ABBEER WANI |
|  | User Login | USN-4 | As a User, after Registration, I can able to login in to the application using my email & password | 5 | High | PRIYANKA M  ABBEER WANI |
|  | Data Collection | USN-5 | Collecting Dataset for the detection | 5 | High | PRIYANKA M  ABBEER WANI  SWETHASREE  SNEHA RAJ |
| Sprint-3 | Image Pre-processing | USN-6 | Performing pre-processing methods on the collected dataset | 5 | High | PRIYANKA M  ABBEER WANI  SWETHASREE  SNEHA RAJ |
|  | Building Prediction Model | USN-7 | Initializing the prediction model with required layers | 5 | High | PRIYANKA M  ABBEER WANI  SWETHASREE  SNEHA RAJ |
|  | Split Data | USN-8 | Split data into training and testing data | 2 | High | PRIYANKA M  ABBEER WANI  SWETHASREE  SNEHA RAJ |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Training | USN-9 | Training the image classification model using | 3 | High | PRIYANKA M  ABBEER WANI  SWETHASREE  SNEHA RAJ |
|  | Testing | USN-10 | Testing model’s performance | 5 | High | PRIYANKA M  ABBEER WANI  SWETHASREE  SNEHA RAJ |
| Sprint 4 | Implementation of Prediction Model | USN-11 | Integrating the prediction model with the web page | 10 | High | PRIYANKA M  ABBEER WANI  SWETHASREE  SNEHA RAJ |
|  | Deployment of the Application | USN-12 | Deploying the web | 10 | High | PRIYANKA M  ABBEER WANI  SWETHASREE  SNEHA RAJ |

**Project Tracker, Velocity & Burndown Chart**

| **Sprint** | **Total Story Points** | **Duration** | **Sprint Start Date** | **Sprint End Date (Planned)** | **Story Points Completed (as on Planned End Date)** | **Sprint Release Date (Actual)** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | 20 | 7 Days | 24 Oct 2022 | 31 Oct 2022 | 20 | 29 Oct 2022 |
| Sprint-2 | 20 | 7 Days | 01 Nov 2022 | 07 Nov 2022 | 20 | 05 Nov 2022 |
| Sprint-3 | 20 | 7 Days | 08 Nov 2022 | 15 Nov 2022 | 20 | 12 Nov 2022 |
| Sprint-4 | 20 | 7 Days | 16 Nov 2022 | 22 Nov 2022 | 20 | 19 Nov 2022 |

**Velocity:**



= 7/20

= 0.35

**Burndown Chart:**

