

## Project Planning Phase

### Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	18 October 2022
Team ID	PNT2022TMID37213
Project Name	Project - university admit eligibility predictor
Maximum Marks	8 Marks

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

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	login	USN-1	As a user, first they should login using the mail id and password and login if they are not register they will register with the following option	4	High	Mamtha T
Sprint-2	Eligibility	USN-2	As a user after login you have to take next step as you should give data about the academic details of the users. And then upload the mark sheet details	5	High	Heera G
Sprint-3	Prediction	USN-3	After the eligibility, and then it will predict the results using the algorithm like decision tree, regression.	5	Low	Sangeetha S
Sprint-4	Log out	USN-4	As the prediction is over the user will know that whether they have the eligibility to enter the college .	4	Medium	Suji G

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

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	5	6 Days	24 Oct 2022	29 Oct 2022	5	19 nov 2022
Sprint-2	5	6 Days	31 Oct 2022	05 Nov 2022	5	19 nov 2022
Sprint-3	5	6 Days	07 Nov 2022	12 Nov 2022	5	19 nov 2022
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022	5	19 nov 2022

**Velocity:**

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

### **Burndown Chart:**

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>

<https://www.atlassian.com/agile/tutorials/burndown-charts>

### **Reference:**

<https://www.atlassian.com/agile/project-management>

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>

<https://www.atlassian.com/agile/tutorials/epics>

<https://www.atlassian.com/agile/tutorials/sprints>

<https://www.atlassian.com/agile/project-management/estimation>

<https://www.atlassian.com/agile/tutorials/burndown-charts>