# Project Planning Phase

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

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|---|---|
| Date | 22 October 2022 |
| Team ID | PNT2022TMID37875 |
| 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 | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | 2 | High | Subasanthosi G B ,S Mahalakshmi Sanjay |
| Sprint-1 | | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | Leena ,yasaswini |
| Sprint-2 | Alternate registration | USN-3 | As a user, I can register for the application through Facebook | 2 | Low | Trisha ,leena |
| Sprint-1 | | USN-4 | As a user, I can register for the application through Gmail | 2 | Medium | Yasaswini |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by entering email & password | 1 | High | Subasanthosi G B, Trisha |
| Sprint - 2 | Dashboard , Update Profile | USN -6 | As a user, after login, I will update my profile by providing all the required details | 4 | High | Subasanthosi G B ,Mahalakshmi S, Yasaswini |

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|---|---|---|---|---|---|---|
| Sprint- 3 | Choose University | USN -7 | As a user, I will be able to view the list of Universities that the students are eligible to apply | 4 | Medium | Sanjay , leena |
| Sprint -3 | Choose Course | USN -8 | As a user, I will be able to view the details of Admission process like date and venue of certification verification | 2 | Low | Trisha ,Mahalakshmi |
| Sprint - 4 | Admission Process | USN -9 | As a user, I will be able to view the list of courses that the students are eligible to apply | 3 | High | Subasanthosi G B, Mahalakshmi,leena, Trisha |
| Sprint - 1 | Authentication | USN-10 | As a admin, the login credential of the user is authenticated my me | 2 | High | Sanjay,Yasawini |
| Sprint - 2 | Update Profile | USN -11 | As a admin, I can verify the user Details which are entered by the user | 4 | High | Subasanthosi G B, Mahalakshmi, Sanjay |
| Sprint - 3 | Prediction | USN -12 | As a admin, I can test the trained machine learning model by analyzing the user details by machine learning Algorithms. | 3 | High | Subasanthosi G B,Mahalakshmi,Leena ,Trisha,Sanjay,Yasawini. |
| Sprint -4 | Deployment/Output | USN - 13 | As a admin, I can upload the confirmation of user for the prediction into the database. | 3 | High | Subasanthosi G B, Mahalakshmi S,Leena |
| Sprint-5 | Feedback | USN-14 | As a user, I can give feedback about the application. | 4 | High | Subasanthosi G B, Mahalakshmi S,Leena,Trisha,Sanjay |

**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 | 20 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 20 | 29 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | IN PROGRESS | 05 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | IN PROGRESS | 12 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | IN PROGRESS | 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)

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

Days : 6 Days Per Sprint( Duration)

Velocity: 20 (Story points per team)

Sprint 1 : AV= Sprint Duration / Velocity = 20/6 = 3.3

Sprint 2 : AV= Sprint Duration / Velocity = 20/6 = 3.3

Sprint 3 : AV= Sprint Duration / Velocity = 20/6 = 3.3

Sprint 4 : AV= Sprint Duration / Velocity = 20/6 = 3.3

# 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.

| SFRA | SPRINT |
|---|---|
| Registration | Sprint 1 |
| Authentication | Sprint 1 |
| Login | Sprint 2 |
| Dashboard | Sprint 2 |
| Update profile | Sprint 3 |
| Choose university | Sprint 3 |
| Prediction | Sprint 4 |
| Admission page | Sprint 4 |
| Result | Sprint 4 |
| Feedback | Sprint 4 |

# UNIVERSITY ADMIT ELIGIBILITY PREDICTOR SPRINT BURNDOWN CHART

| TIME DATES | PLANNED | ACTUAL |
|---|---|---|
| 24-Oct | 10 | 10 |
| 26-Oct | 9 | 9 |
| 30-Oct | 9 | 9 |
| 1-Nov | 6 | 5 |
| 3-Nov | 6 | 6 |
| 5-Nov | 5 | 5 |
| 10-Nov | 8 | 6 |
| 12-Nov | 4 | 3 |
| 15-Nov | 3 | 3 |
| 19-Nov | 2 | 2 |