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

Date	18 October 2022
Team ID	PNT2022TMID32914
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	R. Saranya M.Santhoshini R.Tamilprabha P.Vaishnavi
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	R. Saranya M.Santhoshini R.Tamilprabha P.Vaishnavi
Sprint-1		USN-3	As a user, I can register for the application through Gmail	1	Medium	R. Saranya M.Santhoshini R.Tamilprabha P.Vaishnavi
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	1	High	R. Saranya M.Santhoshini R.Tamilprabha P.Vaishnavi
Sprint-2	Update profile	USN-5	As a user, after logging in ,I will have to update my profile by providing all the required details	3	High	R. Saranya M.Santhoshini R.Tamilprabha P.Vaishnavi
Sprint -3	Choose university	USN-6	As a user , I will be able to view the list of university that the students are eligible to apply.	5	High	R. Saranya M.Santhoshini

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						R.Tamilprabha P.Vaishnavi
Sprint -3	Choose course	USN-7	As a user , I will be able to view the list of courses that the students are eligible to apply.	5	Medium	R. Saranya M.Santhoshini R.Tamilprabha P.Vaishnavi
Sprint -4	Admission process	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	R. Saranya M.Santhoshini R.Tamilprabha P.Vaishnavi
Sprint -1	Authentication	USN-9	As a admin , I can verify the user is authenticated my me.	3	High	R. Saranya M.Santhoshini R.Tamilprabha P.Vaishnavi
Sprint -2	Update profile	USN-10	As a admin, I can verify the user entered details.	2	High	R. Saranya M.Santhoshini R.Tamilprabha P.Vaishnavi
Sprint -3	Prediction	USN-11	As a admin , I can test the trained ML model by analysing the user details by ML algorithms like Logistic Regression.	5	High	R. Saranya M.Santhoshini R.Tamilprabha P.Vaishnavi
Sprint-4	Output	USN-12	As a admin , ican upload the confirmation of user for the prediction into the database.	3	High	R. Saranya M.Santhoshini R.Tamilprabha P.Vaishnavi

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	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

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

$$AV = \frac{Sprint\ duration}{Velocity} = \frac{20}{10}$$

$$AV = 20/6 = 3.33$$

BURNDOWN CHART:

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