Project Planning Phase

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

Team ID	PNT2022TMID35368
Project Name	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	Exploratory Data Analysis	US1	Perform data cleaning if required and perform univariate, bivariate and multivariate analysis.	1	Low	Rohith S
Sprint-1	Analysis of different regression models	US2	Compare the R2 scores of different fundamental regression models like Decision Trees, Random Forest, Multiple Linear Regression, Logistic Regression, etc and determine which model has the highest R^2 score.	2	Medium	Krishnan S
Sprint-2	Web App Development and model integration using pickle file	US3	Develop the web app using Streamlit predict the probability of acceptance given a test data for a candidate. Persist the model with highest R^2 score as a pickle file and integrate it with the web app.	3	High	Krishnan S
Sprint-3	Deploying the model in IBM cloud.	US4	Register in IBM cloud. Use IBM Watson ML service and IBM Watson Studio to deploy the Multiple Linear Regression Model. Test the deployed model with few examples.	3	High	Vishnu Vasan R, Eswaramoorty K
Sprint-4	Integrate the web app with the deployed model.	US5	Use the deployed model in IBM Watson through the scoring endpoint by making an API call with the IBM cloud API key.	2	Medium	Rohith S, Krishnan S
Sprint-4	Hosting the web app in Streamlit cloud platform.	US6	Connect the respective Github repo and branch to Streamlit cloud platform and set up CI-CD to automatically deploy new changes that's pushed to the repo.	1	Low	Krishnan S

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 date)	Sprint release date (Actual)
Sprint-1	3	6 days	24 Oct 2022	29 Oct 2022	3	30 Oct 2022
Sprint-2	3	6 days	31 Oct 2022	05 Nov 2022	3	06 Nov 2022
Sprint-3	3	6 days	07 Nov 2022	12 Nov 2022	3	9 Nov 2022
Sprint-4	3	6 days	14 Nov 2022	19 Nov 2022	3	11 Nov 2022