Project Planning Phase

Date	17 November 2022
Team ID	PNT2022TMID27598
Project Name	University Admit Eligibility Predictor
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Analysis	USN-1	Perform data cleaning and perform univariate, bivariate and multivariate analysis.	1	Low	Saran Anish V
Sprint-1	Analysis of different regression models	USN-2	Compare the R2 scores of different fundamental models like Decision Trees, Random Forest, Multiple Linear and Logistic Regression, etc and determine which model has the highest R^2 score.	2	High	Saran Anish V
Sprint-2	Web App Development and model integration using pickle file	USN-3	Develop the web app using Streamlit predict the probability of acceptance given a test data for a candidate. Persist the model with the highest R^2 score as a pickle file and integrate it with the web app.	3	Low	Praveen Rijal
Sprint-3	Deploying the model in IBM cloud.	USN-4	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 a few examples.	3	Medium	Selvin Wellington A
Sprint-4	Integrate the web app with the deployed model.	USN-5	Use the deployed model in IBM Watson through the scoring endpoint by making an API call with the IBM cloud API key	2	High	Sandesh A
Sprint-4	Hosting the web app in Vercel cloud platform.	USN-6	Connect the respective Github repo and branch to Vercel cloud platform and set up CI-CD to automatically deploy new changes that's pushed to the repo.	1	Medium	Selvin Wellington A

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	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	13 Nov 2022
Sprint-4	3	3 Days	14 Nov 2022	16 Nov 2022	3	17 Nov 2022