

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMIDxxxxxx
Project Name	Project - xxx
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	Data Analysis and storing images of data observed	USN-1	To analyse the data and gather insights to actually proceed with project and to obtain images which can later be displayed to a user to make the understand the trends that have been observed	2	High	Dhivyashri, Kavya
Sprint-1	The testing and building of models	USN-2	Models such as Linear Regression and Decision Trees are run and tested by observing parameters and are trained and tested to get good accuracy.	1	High	Kavya, Athirai
Sprint-2	Deployment of model into ibm cloud	USN-3	The model is trained in IBM cloud and then is deployed into IBM cloud now making it accessible for API calls so that API calls can be made by the web application to be designed later.	3	Low	Shrishti,Dhivy ashri
Sprint-3	Development of User Interface	USN-4	The development of user interface starts with HTML and CSS and is later taken forward with Flask. This provides a clear user interface for the users to interact with the application and wield the model	3	Medium	Athirai, Shrishti
Sprint-4	Integration with flask web-app	USN-5	The integration of the model is done using Flask by making API calls to the model so that the	2	High	Dhivyashri, Athirai, Kavya

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			results can be obtained from the model itself. To integrate a pickled version can be also done to deploy to Heroku for other purposes. Main platform would however be IBM. This creates ease of use.			
Sprint-4	Final deployment and display	USN-6	The final deployment and display would consist of the application which can now be seen by the user and it is ready to use and has been tested.	1	Medium	Shrishti, Dhivyashri, Kavya, Athirai

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

Velocity = (3/6) = 0.5