

Initial Project Planning Template

Date	20 Nov 2024
Team ID	739720
Project Name	Time Series Analysis for Bitcoin Price Prediction using Prophet
Maximum Marks	4 Marks

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

Use the below template to create a product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Data Collection	USN-1	As a user, I want to collect historical Bitcoin price data from sources like gaggle	2	High	B.Abhinaya P.Ramya A.Priyanka P.Shiva Prasad		
Sprint-2	Data Preprocessing	USN-2	As a user, I want to clean and preprocess the data	2	High	B.Abhinaya P.Ramya A.Priyanka P.Shiva Prasad		

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-3	Model Building	USN-3	As a user, I want to build a forecasting model using Prophet to predict future prices	3	High	B.Abhinaya P.Ramya A.Priyanka P.Shiva Prasad		
Sprint-4	Visualisation & Evaluation	USN-4	As a user, I want to visualise predicted vs actual values and evaluate model accuracy	2	Medium	B.Abhinaya P.Ramya A.Priyanka P.Shiva Prasad		
Sprint-5	Deployment	USN-5	As a user, I want to deploy the model using Flask or Streamline for easy access and usability	2	Low	B.Abhinaya P.Ramya A.Priyanka P.Shiva Prasad		