

# PROJECT DESIGN PHASE-III

Team ID: Team-592401

Project Name: Time Series Analysis for Bitcoin Price Prediction Using Prophet

## Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement	User Story Number	User Story	Story Points	Priority
Sprint 1	Live Price Tracking	USN-1	As a user, I want to track the live price of Bitcoin in my local currency, so that I can make informed financial decisions.	5	High
Sprint 1	Historical Price Analysis	USN-2	As a user, I want to view and analyze historical price data for Bitcoin so that I can gain insights into market trends and make more informed trading decisions.	8	High
Sprint 1	Save Interactions	USN-3	As a user, I want to be able to save previous interactions with the app.	3	Medium
Sprint 2	Save Interactions (Continuation)	USN-3	As a user, I want to be able to save previous interactions with the app.	3	Medium

## Project Tracker, Velocity & Burndown Chart

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date	Story Points Completed	Sprint Release Date
Sprint 1	16	2 weeks	2023-10-01	2023-10-14	15	2023-10-15
Sprint 2	20	2 weeks	2023-10-16	2023-10-29	10	2023-10-30
Sprint 3	25	2 weeks	2023-11-01	2023-11-6	10	2023-11-7

### VELOCITY

$$AV1 = 15/14 = 1.6$$

$$AV2 = 10/14 = 0.6$$

$$AV3 = 10/14 = 0.6$$

# BURNDOWN CHART

