

User Stories

User Type	Functional Requirement	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Investor	Display daily price predictions for a selected cryptocurrency.	USN-1	As a crypto investor, I want to see a daily price prediction for a specific cryptocurrency, so I can make informed investment decisions.	The system should allow the user to input the cryptocurrency symbol and select a date range. - The system should provide daily price predictions for the selected cryptocurrency within the specified date range. - The predictions should be displayed in an easy-to-read format (e.g., chart or table).	HIGH	SPRINT-1
Trader	Set price threshold alerts. - Send email notifications when the predicted price crosses the set threshold.	USN-2	As a trader, I want to receive email notifications when the predicted price of a cryptocurrency crosses a certain threshold, so I can take action accordingly.	The user should be able to set price threshold alerts. - When the predicted price crosses the set threshold, an email notification should be sent.	HIGH	SPRINT-1
Researcher	Provide historical price data in a downloadable format. - Allow users to specify the date range for historical data.	USN-3	As a researcher, I want to access historical crypto price data for analysis, so I can study market trends.	The system should provide historical price data in a downloadable format (e.g., CSV). - The user should be able to specify the date range for the historical data.	LOW	SPRINT-2
Developer	Implement FbProphet for time series forecasting. - Regularly update the model with new data.	USN-4	As a developer, I want the system to use FbProphet to perform accurate price predictions for cryptocurrencies, so the predictions are reliable and up-to-date.	The system should implement FbProphet for time series forecasting. - The model should be regularly updated with new data.	HIGH	SPRINT-1
General User	Create a user-friendly and intuitive web interface. - Allow users to input parameters and view predictions	USN-5	As a user, I want to have an easy-to-use web interface for accessing crypto price predictions, so I can navigate and use the system without technical expertise.	The web interface should be user-friendly and intuitive. - Users should be able to input parameters easily and view predictions.	MEDIUM	SPRINT-1