Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	06 March 2025
Team ID	
Project Name	Crypto currency
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Crypto Currencies and Discovery	Search for crypto currencies
		Top 10 crypto currencies on home page
FR-2	Price chart	You can see the price chart of specific crypto currency in it
FR-3	Admin Management	Manage Users and Accounts
		Monitor System Analytics

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The app should have an intuitive and user-friendly interface, ensuring smooth.
NFR-2	**Security**	API Requests must be secured. The app should prevent unauthorized .
NFR-3	**Reliability**	The app should ensure a consistent and uninterrupted experience, minimizing crashes and downtime.
NFR-4	**Performance**	Crypto currencies should load with minimal buffering. The app should respond to user interactions (search, price chart) within 2 seconds
NFR-5	**Availability**	The system should maintain an uptime of at least 99.9%, ensuring accessibility across different time zones.
NFR-6	**Scalability**	The app should handle increasing numbers of users and concurrent streams efficiently without performance degradation. The architecture should support future feature expansion.