

**Project Design Phase-II**  
**Solution Requirements (Functional & Non-functional)**

Date	06 March 2025
Team ID	SWTID1741530213157987
Project Name	Crypto currency
Maximum Marks	4 Marks
TEAM LEADER	DHAMODARAN R
TEAM MEMBERS	DILLI GANESAN R DIVAGAR S GOGULA PRIYAN A P GURUMOOTHY R

**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	<b>Scalability</b>	The app should handle increasing numbers of users and concurrent streams efficiently without performance degradation. The architecture should support future feature expansion.
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