

**Project Design Phase-II**  
**Technology Stack (Architecture & Stack)**

Date	6 March 3035
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

**Technical Architecture:**

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table 2

**Table-1 : Components & Technologies:**

S.No	Component	Description	Technology
1.	User Interface	Web-based interface for crypto currency	HTML, CSS, JavaScript / React Js etc.
2.	Application Logic-1	Top 10 crypto currency and data management	Java / Python
3.	Application Logic-2	All crypto currency and user search for selected currency	IBM Watson STT service
4.	External API-1	Fetching Coinranking API data	IBM Weather API, etc.

**Table-2: Application Characteristics:**

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	Frontend frameworks	React.js, Node.js, ANTD, chart.js
2.	Scalable Architecture	Securing API calls and access controls	HTTPS, API key authentication (RapidAPI)