WEB Homework\_1

Topic :

\*\*Personal Crypto Portfolio Tracker\*\*: Create an application where users can build and monitor their personal cryptocurrency portfolio. Integrate real-time price updates, historical performance analysis, and provide insights on the best-performing assets.

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| משימות שהושלמו | משימות שהוקצו | שם חבר הצוות |
| הגדרת דרישות + Build Asset Table | אחראי + הגדרת דרישות +  Build Asset Table | מאהר סלמאן |
| הגדרת דרישות +  build project + design website | הגדרת דרישות  + build project + design website | עומר סאלח |
| הגדרת דרישות + Build Transaction History Table | הגדרת דרישות +  Build Transaction History Table | אסד ספורי |
| הגדרת דרישות +  Build Best Performining Table | הגדרת דרישות +  Build Best Performining Table | נור עמורי |
| הגדרת דרישות +  Build General protofolio Analysis | הגדרת דרישות +  Build General protofolio Analysis | עבד אלטיף זועבי |

**Requirements**

|  | **דרישות פונקציונליות** |
| --- | --- |
| 1 | The system allows adding cryptocurrency holdings . |
| 2 | The system allows viewing token prices in real time . |
| 3 | The system allows viewing portfolio details and analytics. |
| 4 | The system allows viewing the best-performing assets. |
| 5 | The system allows viewing the wallet Transaction Histories. |
| 6 | The system allows Depositing and Withdraws assets. |
| 7 | The system allows to connect external wallet |

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| דרישות לא פונקציונליות | |  |
| 1 | The system shall fetch current prices of cryptocurrencies from a reliable external API (CoinGecko API). | Interoperability |
| 2 | The system shall support viewing historical price data over various time ranges (1 day, 1 week, 1 month, 1 year). | Usability |
| 3 | The System support multiple cryptocurrency networks (e.g., Bitcoin, Ethereum, BNB) to enable users to manage assets across different blockchain platforms. | Interoperability |
| 4 | Provide users with the ability to view detailed information for each transaction, including source address, destination address, network, amount, and fee, within the application interface | Usability |
| 5 | The user interface should be intuitive and easy to navigate for first-time users | Usability |
| 6 | The application must obtain user permission for each operation involving the wallet, including data retrieval and transactions. | Security |