**MODULES:**

* User
* Agent
* admin
* artificial intelligence

**User**

Registration of User details next admin activated by the user. go to user page and login. User view some fields [start trading, bit bucket, prediction, logout] now open start treding page contains sale available cryptocurrencies and user buy the currency.user views the transaction history details and user view the prediction for available datasets.

**Agent**

First registration of the agent page. next activated by the admin. Login agent page. agent view some fields[buy, bitbucket, block bucket, prediction, logout]. here three types of digital currency’s are there [ bitcoins, ripple, Etherum] agent can buy digital currency (any one or all three).Agent buying the crypto currency. agent transaction history also available.

**Admin**

The aim of admin is to approve the users and agents .admin contains some fields[user,agents,crypto,bitblock].admin view user and agent registered details and in crypto field user update the currecy rate and view the recently crypto currency changes list.admin view the current transaction details. When a miner cracks an algorithem to record a block of transactions to public ledger named blockchain and the cryptocurrency is created when the block is added to the blockchain. It allows people to store and transfer through encryption protocol and distributed network. Mining is a necessary and competitive component of the cryptocurrency system. The miner with more computational power has a better chance of finding a new coin than that of less . Bitcoin is the first and one of the leading digital currencies (its market capitalisation had more than $ 7 billion in 2014, and then it increased significantly to $ 29 billion in 2017) which was first introduced by Satoshi Nakamoto in 2008. Among many features of bitcoin, the most impressive one is decentralisation that it can remove the involvement of traditional financial sectors and monetary authorities effectively due to its blockchain network features.

**Artificial intelligence**

The application of advanced digital, smart technologies, robotic systems, new materials and design techniques, creation of large data processing systems, computer-aided learning and artificial intelligence (AI) are relevant for various branches of science and technology, including manned space programs. Some technology concepts and pilot systems based on the AI (3-D computer vision, automated systems for planning and evaluating the activities of cosmonauts, inquiry and communications system) were developed in the industry over several decades .