

2. Overall Description

2.1 Product Perspective

Cryptocurrency works independently of the banking system. It can be used like cash in many countries. The application evaluates crypto coin and analyzes it according to many criteria. In the light of the information provided by this system, users can easily find the way to sell or buy goods or services and system gives users an advantage over this aspect. In this application, we develop a mobile assist for cryptocurrency market that can be easily used by users and offer more options than other markets.

2.2 Product Functions

This system is a simple and powerful cryptocurrency portfolio application, in which you can track bitcoin and many altcoin market prices. Users do not have any registration process. It has an easy view to see your cryptocurrency investments on the Android platform and to have more details. Using the API, we can check how the current stock market and other stock markets and currencies are. Also with API, we can provide users with a set of data that will help users draw insights and make conclusions. We expect users to encounter a grocery list at first. Users select a market from the market list and according to this we are given a list under the name of the currency list. This list has an up-to-date price list that can be easily seen, and the list is ranked according to the market value of the currency. It also includes the information section of the market they choose. Features such as current and past pricing, volume and exchange info are available. The user has an option under the time-range name to see the performance of the currency in different time periods. In short, the system can help users determine the trend direction and see what the current market situation

2.3 Development Methodology

We plan to use Scrum when developing this project. Scrum is an administrative model with very simple rules. It is implemented for the management of complex software projects that are open to change. Scrum does not specify the steps to be followed in detail in the project and instead offers a flexible management with a few simple but important rules. Scrum includes daily meetings and project process are divided into sprints. The most important advantage is the short sprints and dealing with the changes thanks to the feedbacks in an efficient way.

2.4 Operating Environment

The software of the product will be designed for the Android platform. It can work on any phone with Android operating system.

2.5 User characteristics

2.5.1 General User

2.5.1.1 General The user must read and understand the English language as the application is English-based.

2.5.1.2 General The user is expected to use the Market Application.

2.5.1.3 The general user is expected to use the system to obtain and analyze information.