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Established vide U.P. Act 21 of 2010.

## **Synopsis on Crypto Notifier**

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# Introduction

India has highest number of crypto owners in the world. So, to make it easier for them to have all the crypto related news at one place, I have made an application named **Crypto Notifier**.

**Crypto Notifier** is a mobile application through which a user can take a watch on over 100+ cryptocurrencies and know about each cryptocurrency by having a look at their historical data, general trend and news about each cryptocurrency. It also allows the user to set an alert for a particular range of cryptocurrency and get notified when a cryptocurrency reaches that range. User can also subscribe to coins and get updated with daily news and trends about that cryptocurrency.

## **Existing System**

There are various applications like [Coin Alarm](#), [Crypto Market Cap](#) and more which allows a user to set an alarm for a specific range and see the historical data of all cryptocurrencies but some applications only give the regular updates of coin and none of them offers a user to subscribe to a coin and get daily updates about that.

Few of the application have their IOS version but I have built a flutter application which can be run on any OS like Android, IOS, Windows, Linux etc.

## **Use of the Project**

**Crypto Notifier** application is helpful for a person

- who has a keen interest in crypto and want to keep a watch at every change in their trends and exchange rates.
- want to get updated about every favourite coin. App will notify him about each update and it will appear in its feed.
- Want to sell/buy cryptocurrency when the rate is in user set range. App will send a notification to user when the rate of cryptocurrency in its favourable range.

**Crypto Notifier** application is a flutter application so it works independent of its platform. There is no restriction of OS on it,

**It will perfectly work on all OS like Android, IOS, Windows etc.**

## **Feasibility of Project**

**All the features of the project are feasible.**

It doesn't involve any development cost or hardware or paid software.

The api which I am using for the project is also free version.

Only the factor which may cause the problem is the background working of app. As different phone models have different background mechanism and some kill the processes in background which may cause hinderance in notification feature.

# **Functional Specification**

- Register a new user and login : User can register using email. Firebase is used as a database.
- Alarm Feature : Notifying the user whenever the price is within the range.
- Visualising the data through graphs: Showing historical data of all cryptocurrencies in the form of graphs.
- Fetching data from api : Showing a list of all cryptocurrencies and their exchange rates.
- Currency Convertor: Get the value of one cryptocurrency in the form of another.

## **Software Specification**

- Technology implemented : Flutter, Firebase
- Languages used : Dart
- Development environment : Visual Studio Code
- Web browser : Chrome/Firefox

## **Hardware Requirements**

- Processor : i3 and above
- Operating System : Windows
- RAM : 4 Gb and above

## **FUTURE SCOPE**

As the increased interest of youth in crypto, there will be more and more interest investors in crypto and one's interest will increase more if a user gets all his needful information at one place which makes

**Crypto Notifier a must app for any user which has a slight interest in crypto market.**