SYNOPSIS

Title: Cryptocurrency Screener with Face-Lock Security

Submitted by:

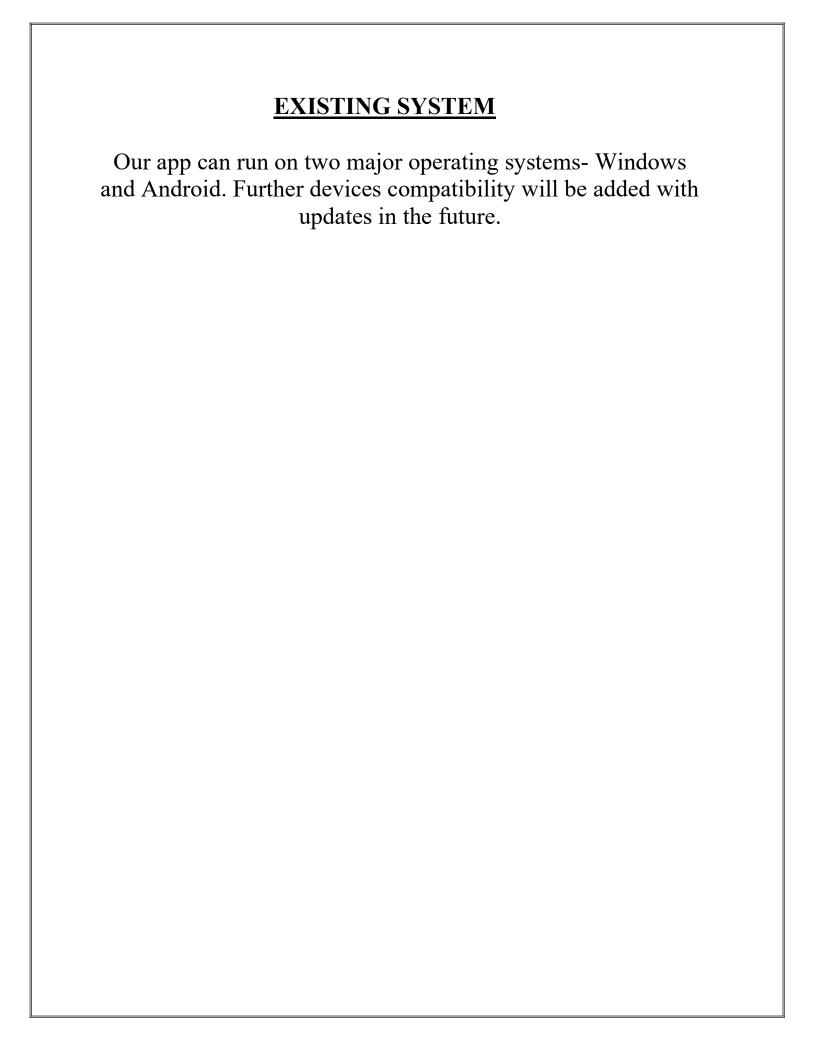| Name	University Roll no.	Section
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<u>**INTRODUCTION**</u>

❖ Our application, Crytyscreener, focuses on showing you all the latest cryptocurrency and altcoins and will show the frequent changes that keep happening when anyone around the world.

❖ Adding the face security in this program adds the touch of privacy everyone wants.

❖ It will recognize the desired people who are authorized to access the app and will let you in, or will inform you via notification that if there is an intruder trying to sneak in your personal transactions.

EXISTING SYSTEM

Our app can run on two major operating systems- Windows and Android. Further devices compatibility will be added with updates in the future.

USE OF THE PROJECT

- ❖ For the people who are interested in trading crypto currencies, want to stay updated with the latest cryptocurrency changes - this app will come very handy to them.

- ❖ This also comes with a face recognition security using which the people can secure the data they have been looking for.

- ❖ In the future updates, we will roll out transactions of cryptocurrencies as well so that people can buy altcoins from the app itself.

Feasibility of Project

❖ As we can see that crypto currency industry is now witnessing a boom in India, Indian lawmakers and regulators are now inclining their sentiments toward the adoption of crypto currency , there is an need of platform that can provide user to purchase and trade currencies.

❖ Thus this project provides a feasible solution by providing a cross-platform application using flutter framework and dart language.

❖ The purpose of this project is to address the problem that many crypto application has such as :
>   a) Vulnerable to un-authorized access.
>   b) Not user-friendly.
>   c) Compatibility issue.

❖ This synopsis report will accomplish the above mentioned problems by implementing machine learning, computer vision and flutter.

FUNCTIONAL SPECIFICATION

1) Face Recognition Security.

2) Live Crypto Currency Screening.

2) Pull   to refresh   functionality.

4) Real time data analysis.

Software Specification:

- Technology Implemented : AI, ML, Deep Learning, Flutter
- Language Used : Python, Dart, Shell Scripting
- Database : Multiple Images and Live Pricing of currency

- User Interface Design : Using Flutter
- Web Browser : Google Chrome compatible

Hardware Requirements:

- Processor : Intel i3 and above for Windows, Android 8 and above in Mobile
- Operating System : Windows 7 and above
- RAM : 4GB minimum
- Hardware Devices : N/A
- Hard disk : 32GB storage
- Display : N/A

FUTURE SCOPE

- With further updates, we can add transactions of cryptocurrency also and can link your cryptocurrency wallets in this application so that whatever altcoin you buy can be visible in this app and can make all crypto transactions easy for you.

- This can become a big crypto trading platform in the future.