***JAYPEE INSTITUTE OF INFORMATION AND TECHNOLOGY, NOIDA***

****

***DEPARTMENT OF CSE/IT***

***JAYPEE INSTITUTE OF INFORMATION AND TECHNOLOGY, NOIDA***

***PROJECT TITLE : DIGICOIN WEB APP***

***MINOR PROJECT -1***

***(15B19CI591)***

***SUBMITTED BY:***

*KOMAL PALIWAL 9921103035*

*RIYA GOYAL 9921103017*

*SURYANSH SINGH 9921103208*

*AYUSH SINGH 9921103204*

***UNDER THE SUPERVISION OF :***

***MS. AMBALIKA SARKAR***

***2023-2024***

**Ambalika Sarkar(Assistant Professor), SMIEEE**

**M.Tech. (VLSI Design), B.Tech. (CSE)**

**Jaypee Institute of Information Technology,**

**Gobardhanpur, Sector-128, Noida, India, 201304**

**ambalika.sarkar@jiit.ac.in**

**To whomsoever it may concern**

This is to certify that Komal Paliwal (Enrollment no. 9921103035), Riya Goyal (Enrollment no. 9921103017), Suryansh Singh (Enrollment no. 9921103208), Ayush Singh (Enrollment no. 9921103204), students of B. Tech. in Computer Science & Engineering from Jaypee Institute of Information Technology have successfully completed the minor project under the supervision of Ms. Ambalika Sarkar from 17th August 2023 to 2nd December 2023.

I wish them all success in the future.

**Asst. Prof. Ambalika Sarkar**

Sector-128, Noida -201304(U.P) India, Ph.: (91) 120-2400973-975 Fax: (91) 120-2400986, website: www.jiit.ac.in

**DECLARATION**

We hereby declare that this minor project report entitled “**DIGICOIN”** submitted to **Jaypee Institute of Information Technology, Noida** is the bonafide record of the work done by us in the due course of fifth semester and the contents and facts prepared and presented by us without any bias and are authentic to the best of our knowledge. We also declare that it has not previously formed the basis of an award for us for any degree/ diploma, fellowship or other similar titles of any institute/society.

**Name and Enrollment no.**:

KOMAL PALIWAL 9921103035

RIYA GOYAL 9921103017

SURYANSH SINGH 9921103208

AYUSH SINGH 9921103204

**ACKNOWLEDGEMENT**

The time we spent on this minor project was a memorable one for us as it was rich in experience sharing and helped us to discover our potential. We had so many experiences and opportunities that we believe will forever shape and influence our professional skills while fostering personal growth and development.

With a sage sense of gratitude, we acknowledge various people who directly or indirectly contributed to the development of this work and who influenced my thinking, behaviour & acts during training. I express my deep sense of gratitude to **Ms. Ambalika Sarkar** for her technical support and constant supervision which contributed immensely to our development. We also thank her for her guidance which was a remarkable force that enabled us to complete the minor project.

We would like to thank our parents and our friends whose love and guidance are with us in whatever we pursue. Nobody has been more important to us than the members of our family and friends.

**ABSTRACT**

In today's fast-paced world, the DigiCoin Web-App is like a handy toolbox for cryptocurrency fans. It's not just about numbers; it's a user-friendly space where you can quickly catch up on what's happening in the cryptocurrency world. With real-time and historical data, interactive graphs, and easy-to-understand details about different cryptocurrencies, it's a go-to platform for making informed decisions. The added perk of voice navigation through Alan AI makes it accessible to everyone, turning the sometimes complex world of cryptocurrency into a more enjoyable and straightforward experience.

With a mission to be the ultimate resource for cryptocurrency aficionados, the DigiCoin seamlessly integrates data, news, interactive graphs, and AI-driven features. By combining these elements, the platform aims to deliver a user-centric experience that goes beyond mere data provision. Whether users are seeking real-time updates or historical perspectives, the DigiCoin aspires to offer a holistic and insightful environment for cryptocurrency analysis and engagement.

**TABLE OF CONTENTS**

**Chapter 1: Introduction ……………………………………………………... 1**

1.1 General **………………………………………………………………………. 1**

1.2 Problem Statement **………………………………………………………….. 1**

1.3 Expected outcome. **………………………………………………………….. 2**

**Chapter 2: Project Objective ………………………………………………… 3**

2.1 Objective **……………………………………………………………………… 3**

**Chapter 3: Project Description ……………………………………………… 4**

3.1 Features **……………………………………………………………………….. 4**

3.2 Software requirement **………………………………………………………. 4**

**Chapter 4: Design Specification ……………………………………………... 5**

4.1 Frontend **………………………………………………………………………. 5**

4.2 Backend **……………………………………………………………………….. 11**

**Chapter 5: Implementation …………………………………………………… 13**

5.1 Frontend-end **………………………………………………………………….. 13**

5.2 Back-end **………………………………………………………………………. 13**

5.3 Database **……………………………………………………………………….. 13**

5.4 Additional Features **……………………………………………………………. 13**

**Chapter 6: Skills Developed …………………………………………………... 14**

**Chapter 7: Results ……………………………………………………………….. 15**

**Chapter 8: Conclusion…………………………………………………………… 16**

**Chapter 9: Future Work ……………………………………………………….. 17**

**Certificate**

**References**

### List of Figures

### Figure Title Page

### 4.1.a Login Page …………………………………………………………… 5

### 4.1.b Signup Page …………………………………………………………… 5

### 4.1.c Google Login Page …………………………………………………….. 6

### 4.1.d HomePage. ……………………………………………………………… 6

### 4.1.e Watchlist. ……………………………………………………………….. 7

### 4.1.f CoinTable Page ………………………………………………………… 7

### 4.1.g Charts Page(24Hours) …………………………………………………... 8

### 4.1.h Charts Page(30days) …………………………………………………….. 8

### 4.1.i Added To Watchlist……………………………………………………… 9

### 4.1.j Search Cryptocurrency…………………………………………………… 9

### 4.1.k-l News Page ……………………………………………………………….. 10

### 4.2.a-d Backend(Firebase) ………………………………………………………. 11-12

### List of Table

### Table Title Page

### 7.1 Result ……………………………………………………………………. 15