**PROJECT SYNOPSIS REPORT**

**ON**

**CRYPTO PAYMENTS ARCHITECTURE (CPA)**

**SUBMITTED**

**TO**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**FOR**

**INTEGRATED PROJECT (CS203 )**

**Semester:** 5

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**Submitted By:**

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**Problem Statement:**

The rise of cryptocurrency as a means of payment has created a need for a reliable and secure web application that allows users to easily make crypto payments for consumer goods and services. There is a lack of applications in the current system to be able to easily make payments for day-to-day commodities using cryptocurrency.

To address these challenges, there is a need for a web application that simplifies the crypto payment process and offers a secure, fast and affordable way to transact with cryptocurrency. The application should support multiple cryptocurrencies, have a user-friendly interface and offer transparent transaction tracking and reporting. The application should also provide robust security measures to protect users’ funds and prevent fraud, such as two-factor authentication and secure wallet integration.

Overall, the problem is the lack infrastructure that provides for an easy-to-use method that facilitates crypto wallet to crypto wallet transactions that can drive adoption of cryptocurrencies as a mainstream payment method. The development of such an application would enable businesses and individuals to transact with cryptocurrency more easily and securely, ultimately leading to greater acceptance of cryptocurrencies in the global economy.

**Title of Project:**

Crypto Payments Architecture (CPA)

**Objective & Key Learning:**

**Options available to execute the project / Tech Stack:**

**Advantage:**

**References:**