

Seatwork 6.1	
Seatwork 6.1: Problem Identification	
<b>Course Code:</b> CPE 007	<b>Program:</b> Computer Engineering
<b>Course Title:</b> Programming Logic and Design	<b>Date Performed:</b> 10 - 16 - 25
<b>Section:</b> CPE11S1	<b>Date Submitted:</b> 10 - 16 - 25
<b>Name(s):</b>  Almirol, Joel Cacas, Jeff Doplayna, Clifford Lee Esguerra, Paula	<b>Instructor:</b> Engr. Jimlord M. Quejado
<b>6. Output</b>	
<p><b>Problem:</b></p> <p>Digital currency offers a path toward a more efficient and secure financial system, and adopting it can address key limitations of using paper money, such as the risk of theft, loss, and the inconvenience of carrying large amounts of cash. By leveraging the best features of existing platforms, a new application can create a seamless and secure experience that encourages widespread adoption. To effectively protect against the inherent risks of digital currencies, such as hacking, phishing scams, and cybersecurity threats, the platform would implement a comprehensive security framework that goes beyond simple bug checks and surveys. As the likes: Advanced Authentication, Continuous Monitoring, and Data Protection.</p> <p><b>Focus Point:</b></p> <p>Our problem's main focus point is to create an assets management system that customers can access to use them for their financial assets. By developing an application that can create or access those financial assets for the use of managing savings or budget for future expenses. To develop a secure and reliable asset management system designed to empower users both individuals and small businesses in managing their finances effectively. The platform will serve as a centralized space where users can create access and monitor their financial assets by providing tools for saving budgeting and tracking future expenses the system aims to help users gain control over their money and make smarter financial decisions and unlike basic mobile wallet apps this system will focus on long term like detailed financial reports, budget planning, savings tracking, and asset categorization. Through an intuitive interface and secure data handling the application will serve as a trusted digital financial hub bridging the gap between everyday digital payments and comprehensive financial management.</p> <p><b>Solution:</b></p> <p>The proposed solution is a secure, centralized digital asset management platform designed to help individuals to efficiently manage both of the user's cash and digital money. It offers tools where the user can track their own money whether they use it for savings, paying their bills, or budgeting. For the security features of the application we will put multi-authentication and encryption to protect users from hackers and scammers. The user of the application will also receive a suggestion on how he/she can manage his/her extra money if he/she has. There is also a feature when someone borrows money from a user and the user</p>	

lends some of his/her money and puts it to the borrowers tab where you need to input how much money the user lends to a friend/family to know who still owes the user money.

## **7. Supplementary Activity**

## **8. Conclusion**

In conclusion, the proposed asset management system aims to go beyond the basic functionalities of traditional financial apps by providing users with a powerful, secure, and user-Friendly platform to manage their financial lives more effectively. By integrating features such as savings tracking by integrating features such as savings tracking, budget planning detailed financial reporting and assets categorization the system will empower both individuals and small businesses to take control of their finances make informed decisions, and plan confidently for the future bridge the gap between everyday digital transactions and long term financial management ultimately fostering financial stability and growth for our users.