**Project Proposal**

CS-432 MPL

**1- Project Title: ATM App Interface**

Submission Date: 8 – November 2023

**2- Group Members:**

1. Hammad 21-Arid-874

2. Shehzad 21-Arid-

3. Ahmed 21-Arid-

4. Khalid 20-Arid-

**3- Introduction:**

Our project, "ATM App Interface," aims to provide a simple and user-friendly solution for people from the older generation who may struggle with modern technology. We are developing an ATM application that allows users to check their balance, withdraw funds, and deposit money quickly and efficiently. The primary goal is to bridge the technological gap and empower older individuals to manage their finances without the need to visit a bank.

**4- Problem Statement:**

Many older individuals find it challenging to adapt to modern technology, making simple tasks like checking their account balance, withdrawing money, and making deposits a cumbersome process. Our project addresses this problem by creating an intuitive ATM app that simplifies these tasks.

**5- Aims / Goals:**

The aim of our project is to develop a user-friendly ATM application that empowers older individuals to independently manage their finances. By creating a straightforward and efficient interface, we intend to make the banking experience more accessible for this demographic.

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| **S. No** | **Activity** | **Start Date** | **Finish Date** | **Team Member** |
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* We will update this table before completion of our project -

**6- Objective:**

Our proposed solution, the "ATM App Interface," provides a straightforward way for older generations to check their balance, withdraw, and deposit funds, reducing their reliance on in-person bank visits.

**7- Proposed Methodology:**

We initiated our project by finalizing the concept of creating an ATM app tailored to the needs of older individuals. We then conducted research on modern ATM systems and began developing a basic and functional app to perform these essential banking tasks. We integrated the Swing framework to create a user-friendly graphical interface, making it easier for users to interact with the app.

**8- Implementation:**

We have already started working on the project using IntelliJ IDEA, focusing on coding basics, taking user input, and implementing condition-based actions. We are on track to complete the project before the deadline, Inshallah.

**9- Conclusion:**

The "ATM App Interface" project is a promising solution for addressing the challenges faced by older individuals in dealing with modern banking technology. By providing a simplified and intuitive ATM app, we aim to empower this demographic to manage their finances independently. With our commitment to timely completion, we are confident in the positive impact our project will have.

**10- Future Work:**

In the next phase, we will delve into learning more about the Swing framework, allowing us to convert our basic command-line interface project into a graphical user interface (GUI), further enhancing user accessibility.