**Anthony Dawson,**

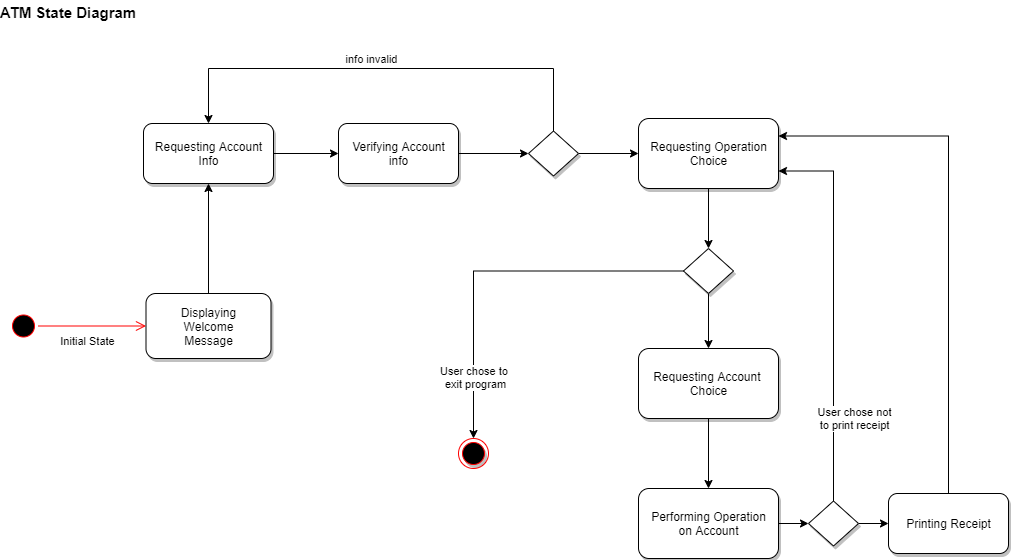
**Osman Khan**

**Erick Morales**

**Kevin Vu**

**State diagram**

The state diagram is a diagram that describes different states of components in a system. The diagram describes the flow control from one state to another. As a group, we decided to do the state diagram on the ATM machine. We modeled the dynamic aspect of the system, described each state, and modeled the states of the object. During the initial state, the ATM machine displays a welcome message, then it requests account information. Once account information is entered, it will verify if the account information is valid. If invalid, it will ask the customer to re enter their information. The system will then ask the user to enter what operation that they want to be done and which account they want the operations to operate on. Once completed, the customer would be asked if they want a receipt.

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