***FINAL PROJECT PLAN***

**Open-ended project**

**Name of the project plan: *ATM Software***

***Description***

*My ATM software project is a program that simulates the functionality of an automated teller machine (ATM) using the C# programming language. An ATM software program typically allows the user to perform various operations such as checking balance, depositing money, withdrawing money, and changing pin. This project of an ATM software program also implements various concepts of object-oriented programming of programming with classes that I learnt previous such as abstraction, encapsulation, inheritance, and polymorphism.*

***Functionality***

*My ATM program will allow the user to check whether an input card number and pin are recorded correctly, and shows multiple options such as cash availability, the previous five transactions, cash withdrawal and also shows an option whether the user wants to deposit cash or not. The user can withdraw up to (as per user but with a possible limited maximum account such as $45,000 worth of cash in one transaction and giving the user the ability to withdraw up to $5,000 worth of cash in one transaction, with total transactions limited to ten per day.*