ATM Simulator Program Report

Introduction:

Automated Teller Machines (ATMs) are machines used by banks to allow customers to withdraw money from their bank accounts. Problems can arise when two or more people attempt to make a transaction from the same bank account. These problems can lead to inconsistencies in the balance of a bank account. To demonstrate this, we have created a simulation using multi-threading in C# to show the situation with this problem and without this problem to gain a better understanding of how this situation should and should not occur.

We began the project with great urgency. We quickly got together for a team meeting though Discord.