# Executive Summary

ATM machines have become a crucial element in today’s society. These machines are used by almost everyone to do banking transactions. But as important as these machines are, they are very cumbersome to operate. We have decided to propose a solution for this problem.

The currently implemented ATM systems use 4-digit pin numbers for login and security. This system is time consuming, not feasible for disabled people and poses a security risk. The newly proposed system looks to overcome these issues by using a fingerprint-based authentication system. As fingerprints can be used to identify each and every individual uniquely, this system eliminates the security risk associated with 4-digit pins. This system also streamlines the process of banking through ATM machines, by eliminating the need for ATM cards.

Doing ATM transactions are nearly impossible for disabled people, and aa a solution for this we have implemented a facial recognition system in the machine. Using either one of these methods the user has the ability to login to the system easily and complete their transactions.

This project was completed adhering to the Agile methodology, with the end goals being profitability, sustainable growth, customer and employee satisfaction, brand awareness, quality control and revenue. Technical, economic, operational as well as schedule feasibilities were also taken into consideration while going forward with this project. With all these considerations, this new ATM system looks to redefine the way we do transaction activities.