



## **Assignment -02**

**Course Title** : System Analysis & Design

**Course Code** : CSE- 325

**Assignment name** : Sequence Diagram for ATM Machine

**Submitted By:**

**ID** : 171442628

**Name** : Md. Akbar Ali

**Program** : CSE (Eve)

**Batch** : 44<sup>th</sup>

**Date** : 20-07-2019

**Submitted To:**

Supta Richard Philip

Senior Lecturer, Department of CSE

City University, Bangladesh

## Basic concept

### **Introduction:**

The automated teller machine (ATM) is an automatic banking machine (ABM) which allows customer to complete basic transactions without any help of bank representatives. There are two types of automated teller machine (ATMs). The basic one allows the customer to only draw cash and receive a report of the account balance. Another one is a more complex machine which accepts the deposit, provides credit card payment facilities and reports account information

It is an electronic device which is used by only bank customers to process account transactions. The users access their account through special type of plastic card that is encoded with user information on a magnetic strip. The strip contains an identification code that is transmitted to the bank's central computer by modem. The users insert the card into ATMs to access the account and process their account transactions. The automated teller machine was invented by John Shepherd-Barron in year of 1960.

### Sequence diagram of ATM Machine System

