

ATM System Project Use Case Diagram using Include and Extend (UML)

Hi there **Itsourcecoders!** Today I will give you ideas about the **ATM System Use Case Diagram and Description for 2021**. This article discusses the meaning of the ATM System project UML as well as its use case diagram using include and extend. By the end of the discussion you will find the downloadable use case diagram PDF file for ATM System that can be your basis.

To start with, let us know what does a use case mean.

A [use case diagram](#) is a visual representation of how a user might interact with a program. A use case diagram depicts the system's numerous use cases and different sorts of users. The circles or ellipses are used to depict the use cases.

ATM System Project Use Case Diagram Potential Features:

The features of the system depends on the users of it.

- Monitor and Manage Customers' Information and Status
- Manage and Update ATM Applicants' Information
- Manage Withdrawing and Saving Transaction
- Records All Transactions

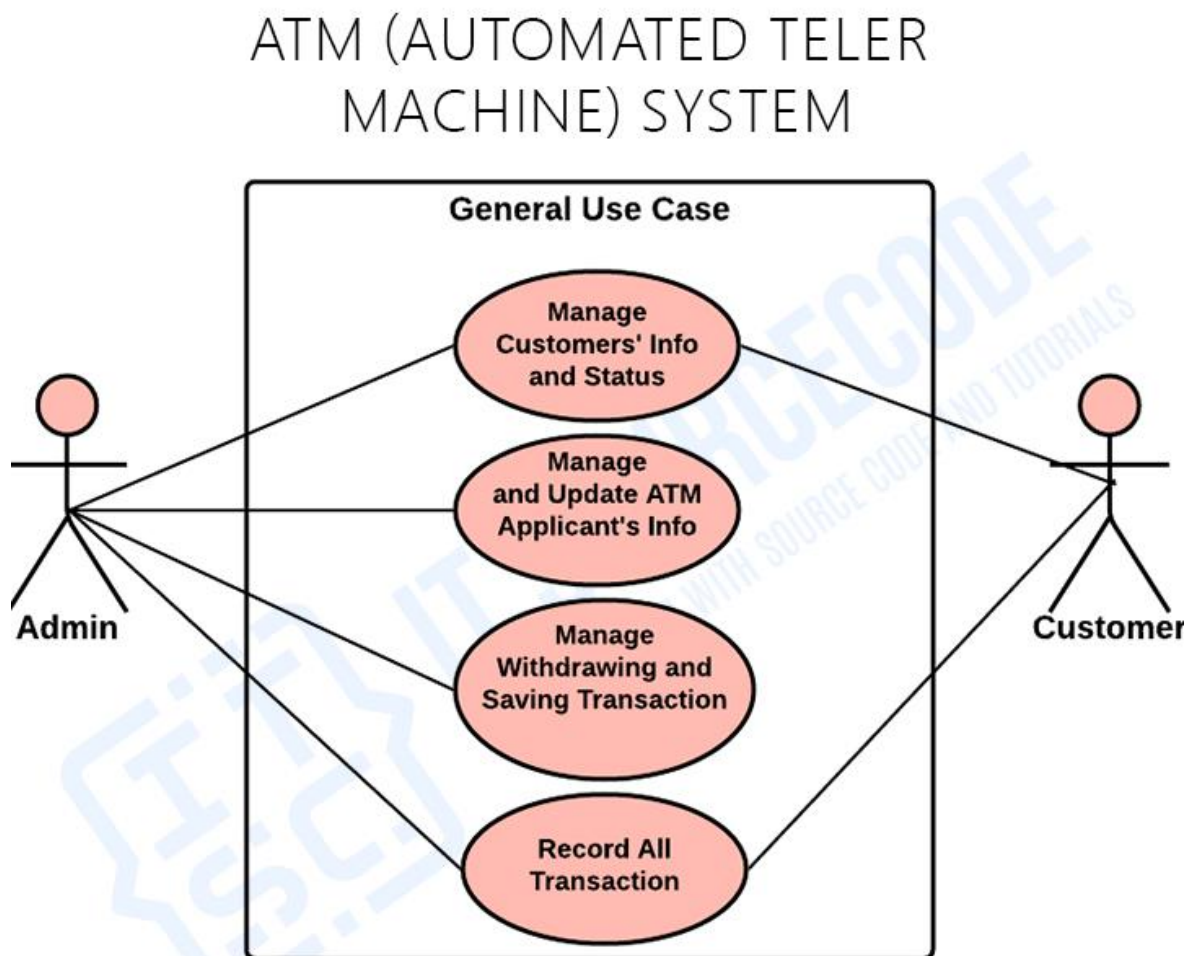
By creating the use case of the ATM System, you must determine first the possible features to identify the flow of the system. After that you can now create the blueprint or core of the system function.

ATM System Project Use Case Diagram

Here are the diagrams with discussion of **ATM System Project Use Case Diagram** using **Include** and **Extend** 2021.

1. General Use Case

Now I present to you the general use case of the ATM System. This diagram shows the general processes or function that the system could do that is based on the transactions done by the ATM holder with their ATM cards and Automated teller Machine Transactions.



USE CASE DIAGRAM

General use case is the most common application of a use case diagram. The use case

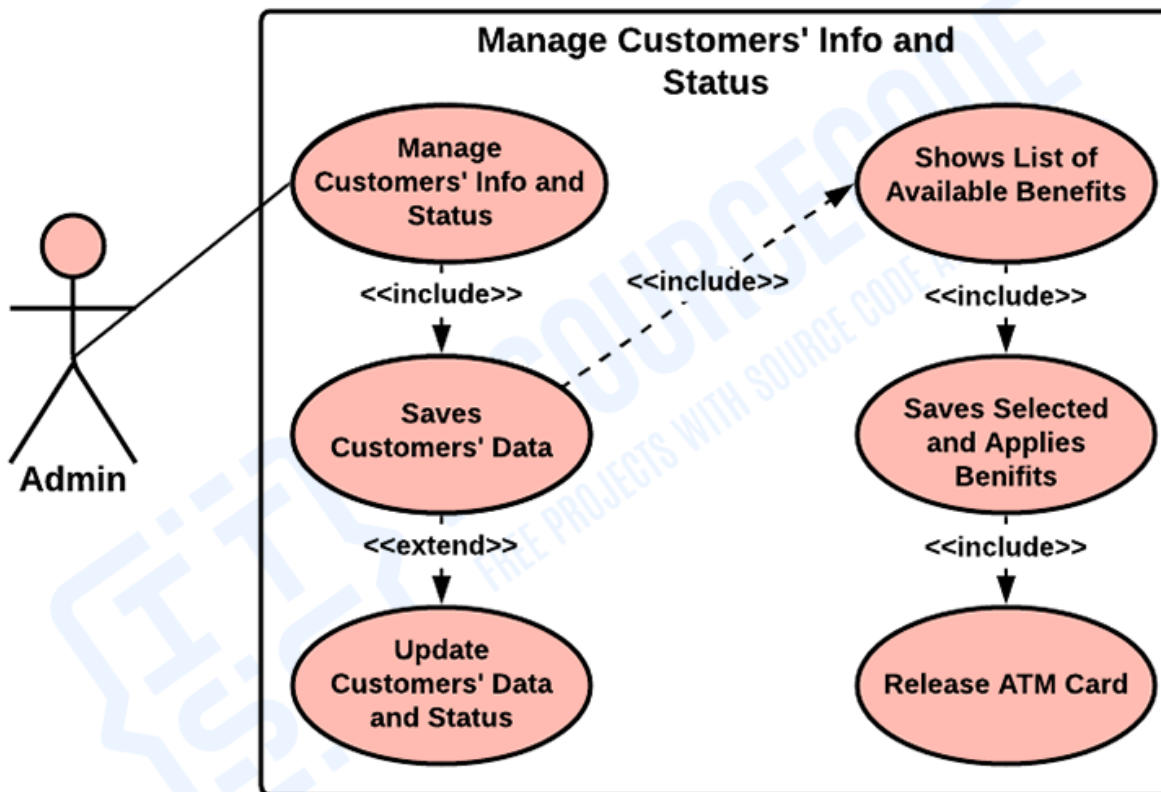
diagrams depict the system's main components as well as the flow of information between them.

With the help of this general use case, the programmer will have the basis on what could be put into consideration in creating the ATM system.

2. Monitor and Manage Customers' Information and Status

This is the process where the system admin monitors and manages customers' basic information. Its process includes the encoding and updating of customers' important information in terms of their transactions. They should also keep their car holders updated for their benefit and other matters regarding the ATM management.

ATM (AUTOMATED TELLER MACHINE) SYSTEM



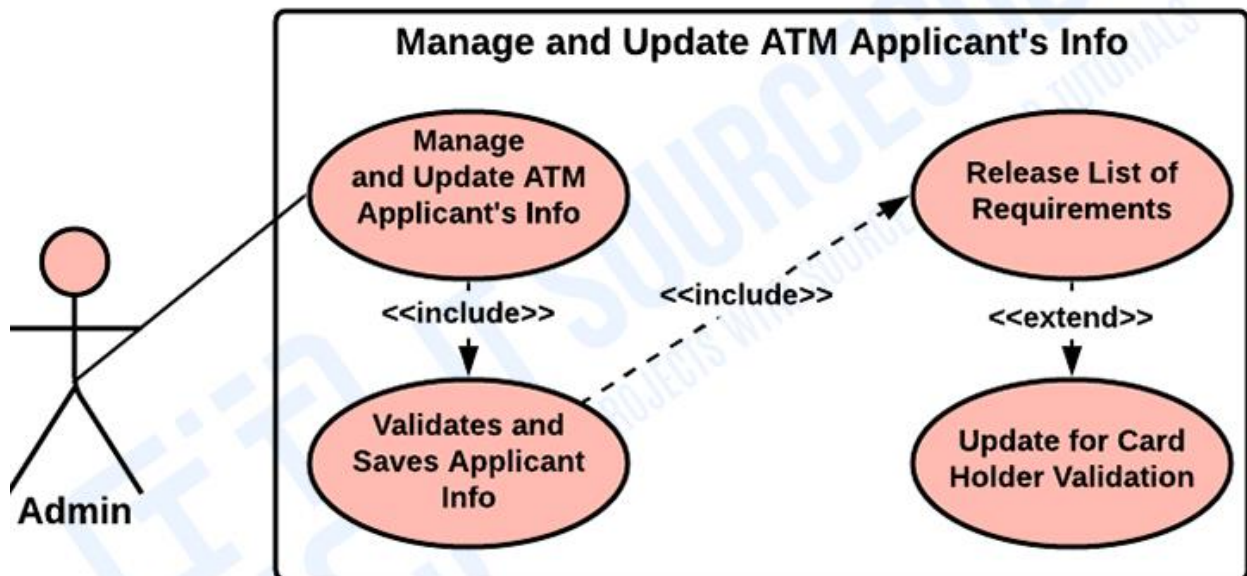
USE CASE DIAGRAM

As you can see the customers' information should be encoded to the system. The system then will monitor its details to validate it and then saves the data.

3. Manage and Update ATM Applicants' Information

This process is where the bank admin or employees encodes and validates the applicant for card holder to access their ATM services. They will update the applicants' information as soon as the applicant provided the requirements to be a card holder.

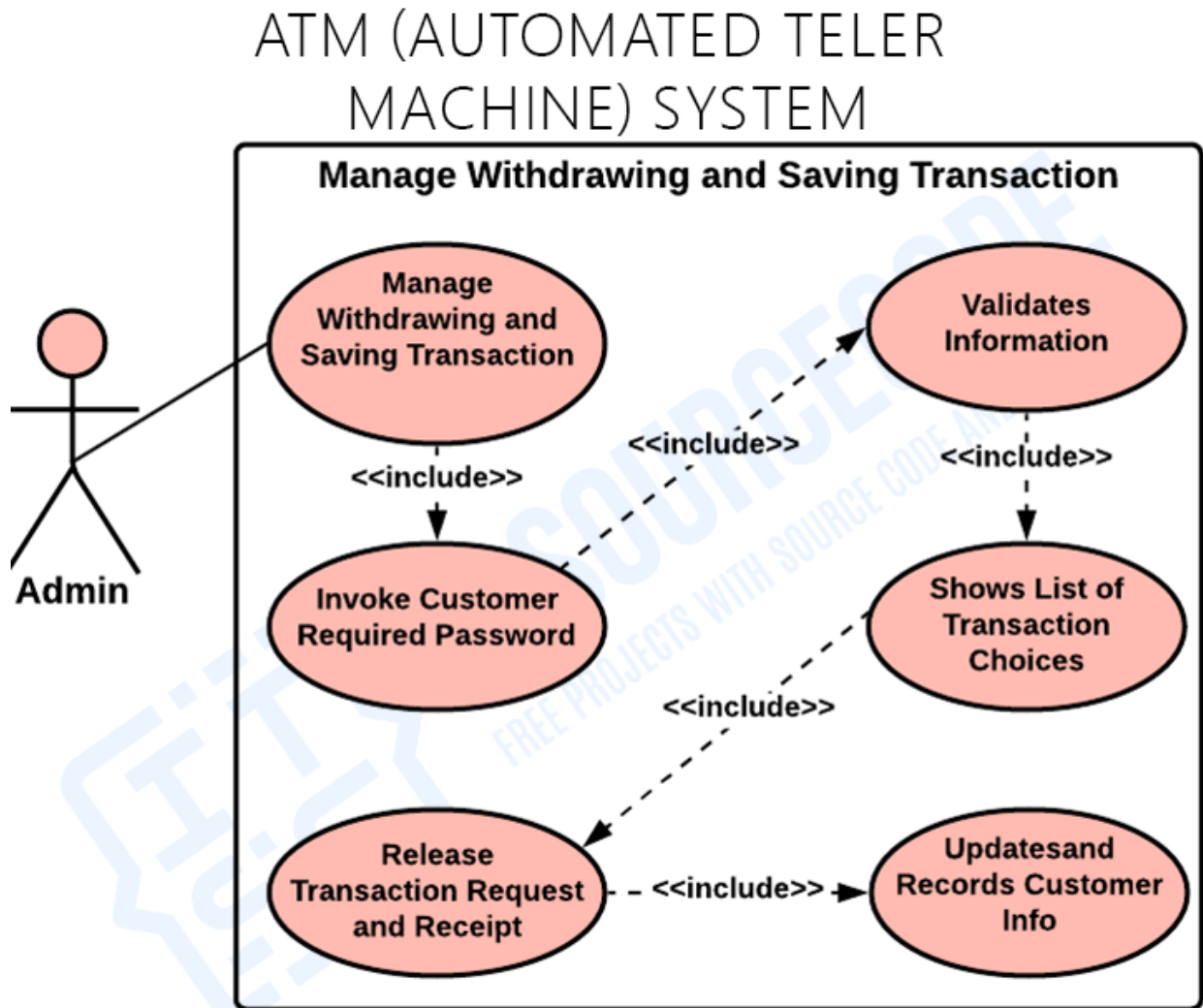
ATM (AUTOMATED TELLER MACHINE) SYSTEM



USE CASE DIAGRAM

4. Manage Withdrawing and Saving Transaction

This is the process where the bank/system admin processes their customers info to let them avail the bank and ATM services. Every processes made with the customer information as well as the transactions made should be recorded to be the admin basis for important purposes.



USE CASE DIAGRAM

Additional Knowledge to ATM System Use Case Diagram and Description

The **objective** of a use case diagram is to show the interactions of numerous items called actors with the use case and to capture fundamental functionalities of a system. As you see through the diagrams, there are the use cases involved to define the core functions of a system. These processes were expected by the users to be connected to produce a certain output. Being a programmer, this could be an important role that the **ATM System** should have.

Conclusion

So that completes our discussion fellas! And I hope that this article with PDF about Use Case Description for ATM System and Use Case Diagram UML 2021 will help you a lot.