

## CONCEPT

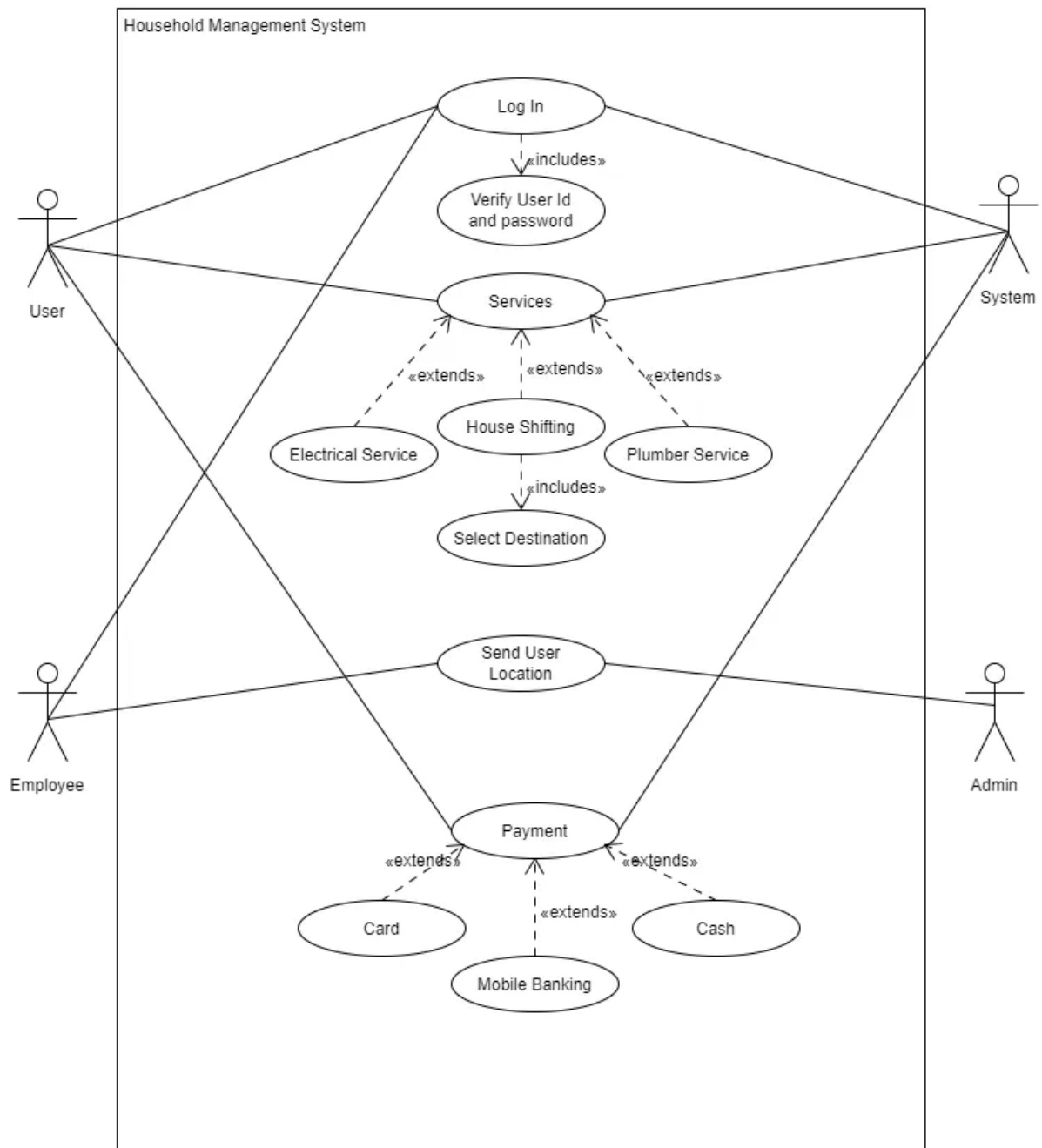
Using technology to help manage the household can add up to a good amount of time and money saved. For that reason, we are building an application which can solve a house's all basic problems. From Electrician to House shifting labor, from plumber to painter, user can hire various types of helping hands as needed. This system will help all those busy people who are incapable of doing house maintenance because of busy schedule. People don't have to run anymore in case of any emergencies. We will provide experienced electricians, plumbers, labors at our user's doorstep. We will also provide van or truck if user is shifting furniture from one place to another. User will select numbers of labors and create a furniture list to proceed. Or suppose a user needs to fix his refrigerator, then we will provide a fridge expert or a user need to set-up his new TV, then we will send someone who is good at it. This app will be a huge lifesaver for those people who spend their major time outside of the house and the service we are going to provide is very common and essential for householders.

## USER SCENARIO

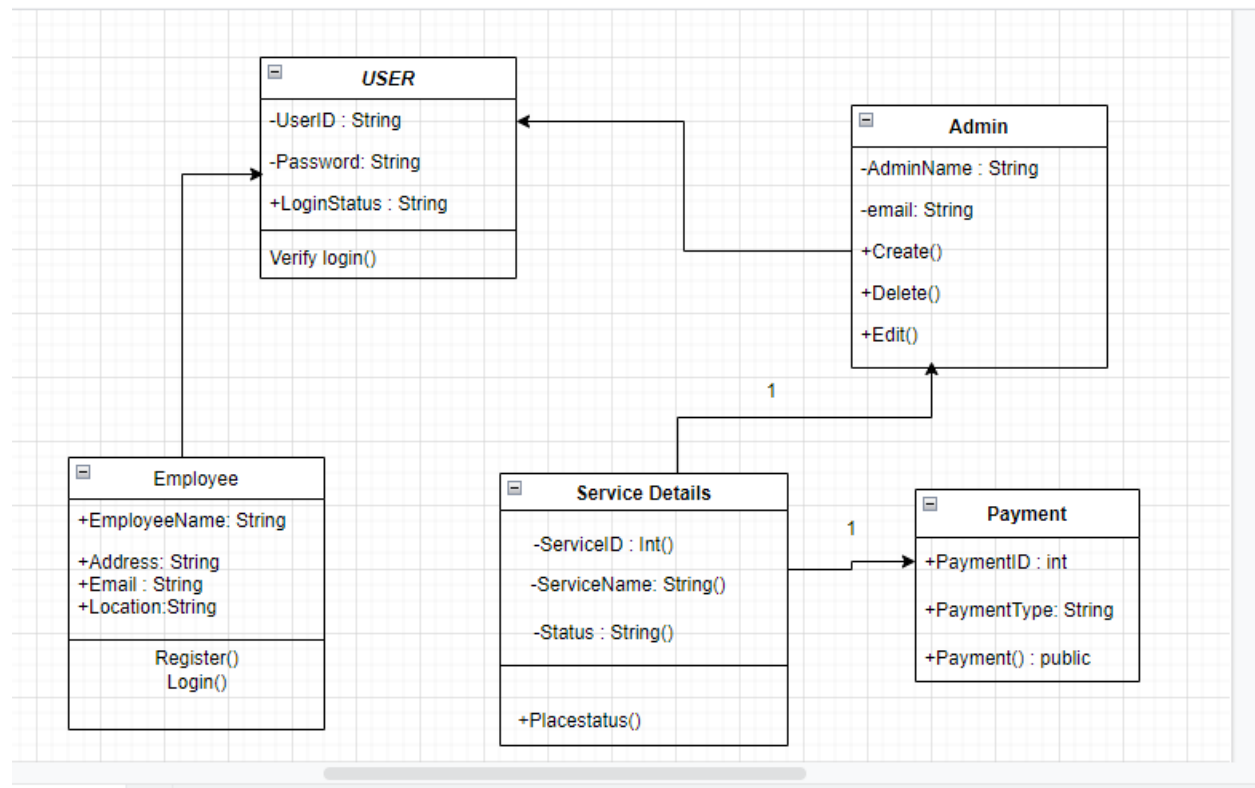
When a user uses our application for the very first time, he/she must have to create account with a valid email address and provide us his contact info for communication. User must need to give us location accessibility so that we will know where to send our employees to provide the services to the user. After creating account and providing location, user will reach to our home page where our all services, user review and basic information will be there. User will select one of those services if he wants to get any of our services or all services together. Initially we are providing house shifting labors, Mini truck and truck drivers, electricians and plumbers. Often user needs all those services together if user is shifting his residence. But if any user needs only labor, or truck or electrician he can get it too.

## UML

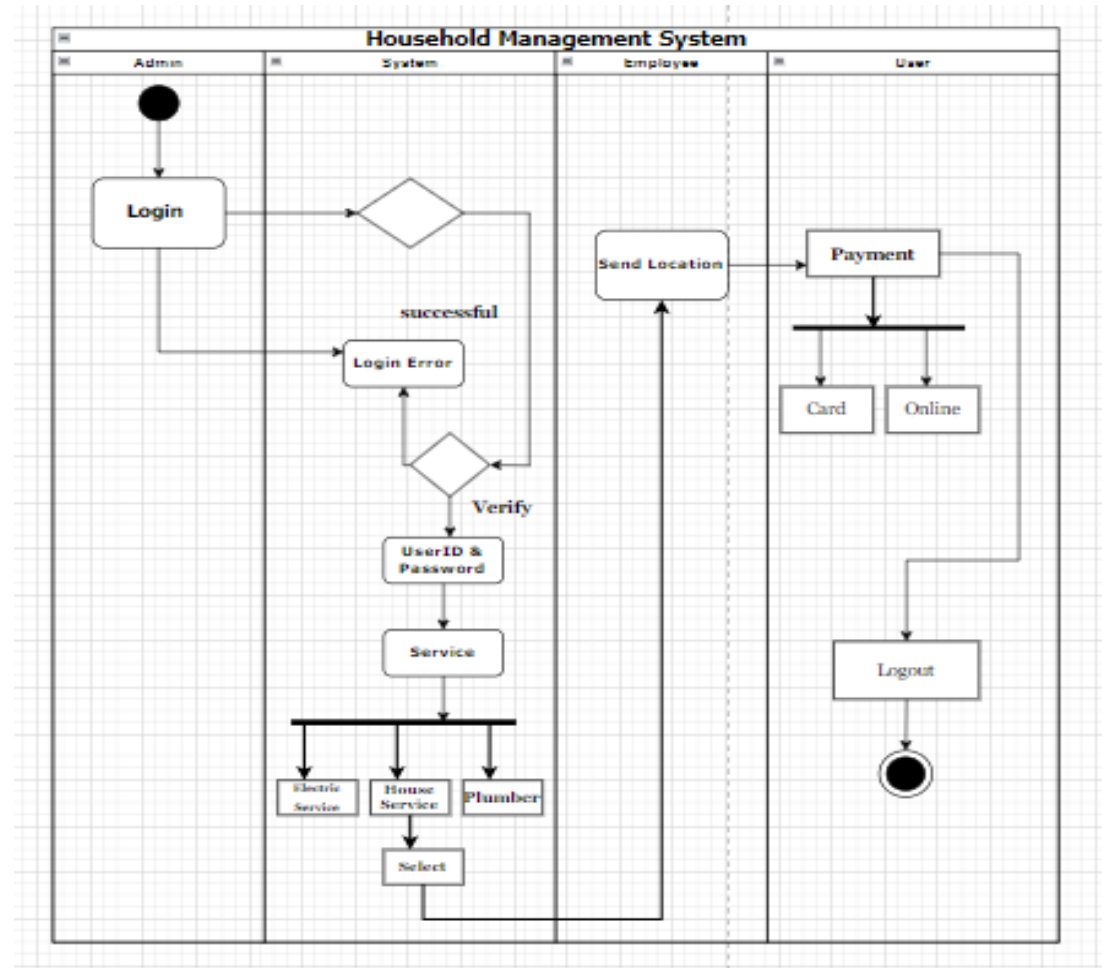
### USE CASE DIAGRAM



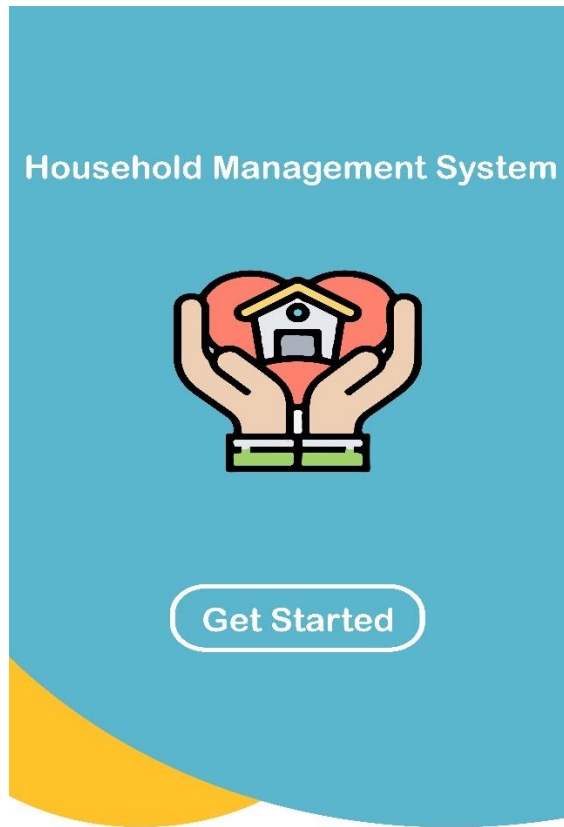
## CLASS DIAGRAM



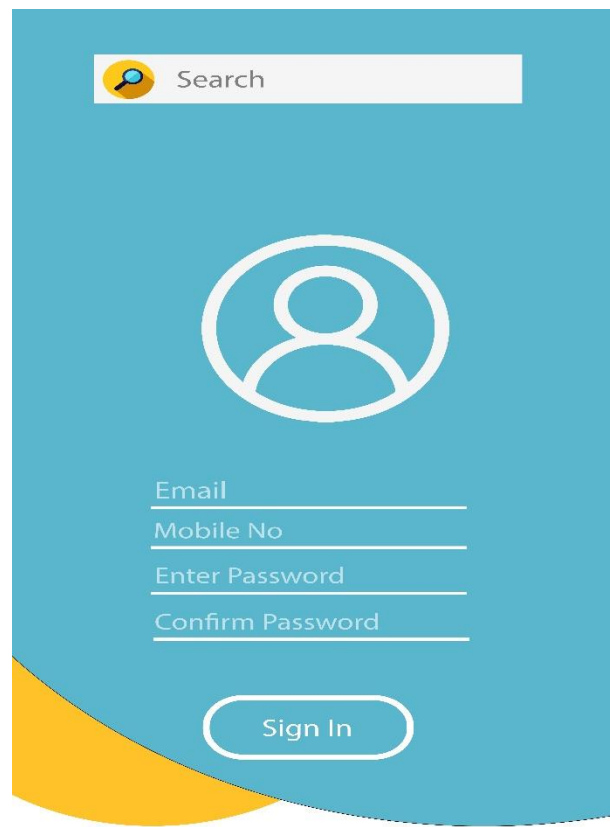
## ACTIVITY DIAGRAM




## UI DESIGN SPECIFICATION




New Here?



Already Have an Account?

 Location




Email

Password


Log In


[Forgot Password?](#)

 Household Management System

Our Services


House Shifting





Hire Electrician

Hire Plumber







## Household Management System



House Shifting

Pick Up Location

Drop Off Location

Number of Labors

NEXT



## Household Management System



Hire Electrician

Address

Services

SKIP

NEXT



Household Management System

**Your charge is**

**0.00**

**TK**

Confirm Service



Household Management System

## Payment Method

Via Card

Via Cash

MFS

Proceed





Household Management System

**Your Request Has Been  
CONFIRMED!**



**Thank You**

## **FINDING CHALLENGES**

The very first challenge we are going to face is finding expert and experienced technicians in budget. In present situation almost every experienced electrician or plumbers are self-employed. To convince them to work under a start-up will be very difficult. And if do so, they might demand high salary as employee.

After that, another challenge is that there might be a problem to assign different field's technicians to their experienced fields. Suppose, a user hired a technician to fix his fridge but the technician we assigned is an AC specialist. This might create difficulties for both ends.

In our current application we haven't implemented scheduling options yet and that might create a problem because our target user are those people who are busy with their lives and can't stay at

home in working times. There might be a possibility that when they leave the house there's no one to get the services.

## CONCLUSION

Household management system is a unique and well-timed application to launch in the market. This system is very much needed in city like Dhaka. Because majority of the people live in rented apartment and often move from one area to another. And it takes 2-3 days to move all the housing stuff from one area to another if they do all by themselves. This system will be very helpful for them. Our other service which is technician hiring is also very highly needed solution in current situation. So, we already have a huge number of users to take benefits from our system.