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A

Project Report

On

Photogear : An Online Camera Rental System

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IN PARTIAL FULFILLMENT OF
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❖ **INTRODUCTION:**

Our system is called **(PHOTOGEAR) An online camera rental system**. Its a platform on which you can rent camera and lenses . User can save his overhead expenditure for buying costly dslr camera and lenses by just renting it from us. If a person learn or improve his photography he/she does need to buy costly camera and lenses he/she can just rent the camera from us which will be more convenient and hassle free. It's a great option for freelance photographers.

❖ **Existing System:**

- “The way in which work is performed is called as companies existing system”
Currently the whole work of storing details of the system is based on the register which is totally difficult to maintain the register for the long period of the time.
- Difficulties to maintain the paper work take out the interest of any one from the project. Especially it is very difficult to fresher to work with other software. So user mostly prefers the way which is easy to work with any software. It is very difficult to store all the record of product manually. It is wastage of time and also wastage of man power.
- The existing system does not help to make proper sense to execute the task.

❖ **Need of system:**

In today's world, time factor is given much priority than any other thing. Hence, use of computerization can reduce time consumption.

- Need to understand how to store the details of the camera and lenses.
- We can get more information in less time.
- The purchased rate can be kept safely in system which helps to keep the daily account of the product and customer.
- The procedure will become very easy to buy and sell(rent) product.
- Need to understand the customer of particular product.

❖ **Scope of work:**

- On the basis of this system, it is easy to recognize the active processing of the system.
- We can easily manage the contents of the system.
- Using this system, retrieval of information is done very easily.
- It is suitable for storing the details of product which is very User friendly.
- By studying existing system we are going to develop new platform which be easy and helpful for photographers and other common people.
- The system is designed in such way that so as to cut off the expenditure spend on new cameras and lenses.
- The system will be php based & user friendly. The users of system are familiar with the computer, hence the operation of system would enhance the speed

❖ **OPERATING ENVIRONMENT:-HARDWARE AND SOFTWARE REQUIREMENT**

For better performance –

➤ Hardware requirements are as follows-

- 1) Processor – Intel i3 and above or amd
- 2) Ram – 512MBand
- 3) Hard disk – 80 GB

➤ Software requirements are as follow –

- 1) Operating System – Windows xp,7,8,9,10 or linux .
- 2) Front-end – HTML, CSS
- 3) Back-end – PHP
- 4) Database – POSTGRESQL
- 5) Browser - Google Chrome

Based on investigation we design input and output screens with input field or text with different possibility of validation. Our project runs on windows so there must be windows on machine.

❖ **ANALYSIS OF SYSTEM:**

• **REQUIREMENT ANALYSIS**

- Requirement analysis is determination of requirements of new system. It minimizes the gap between the system level requirements and software development. It also does a fine job that requirement analysis represent what new software should do.
- Requirement is a feature that must be included in new system .Requirement analysis must include the needs of user so that we can provide facility as per the need of user.
- In requirement analysis study, it studies details of existing system and removes the drawback of the system and corrects it in new developed system designed by a programmer/software developer.

• **Questionnaire:-**

It is the technique used to extract information from number of people. This method can be adopted and used only by a skillful analyst. The Questionnaire consists of series of questions framed together in logical manner. The questions are simple, clear and to the point. This method is very useful for attaining information from people who are concerned with the usage of the system and who are living in different countries. The questionnaire can be mailed or send to people by post. This is the cheapest source of fact finding.

Observation:-

Unlike the other fact finding techniques, in this method the analyst himself visits the organization and observes and understand the flow of documents, working of the existing system, the users of the system etc. For this method to be adopted it takes an analyst to perform this job as he knows which points should be noticed and highlighted. In analyst may observe the

unwanted things as well and simply cause delay in the development of the new system.

❖ **FEASIBILITY STUDY:-**

The important outcome of requirement analysis investigation of that system requested is feasible. There are several aspect of feasibility some of them are done for our project They are as follows:

• **TECHNICAL FEASIBILITY:-**

The system developed using **html,css** and **php**, which is common platform of organization and can run easily without extra overhead to the organization. **Sql** is software that can also feasible to any organization for our system.

• **ECONOMICAL FEASIBILITY:-**

- The system is designed in such way that so as to cut off the expenditure spent on new equipment and other product brought by lay man.
- The system is designed on windows . So it's a minimum investment which is required to implement this project. So no extra training is required for staff to use this system as system is user friendly.
- The cost of proposed system is beneficial against cost and effort involved in maintaining various registers files and record books.

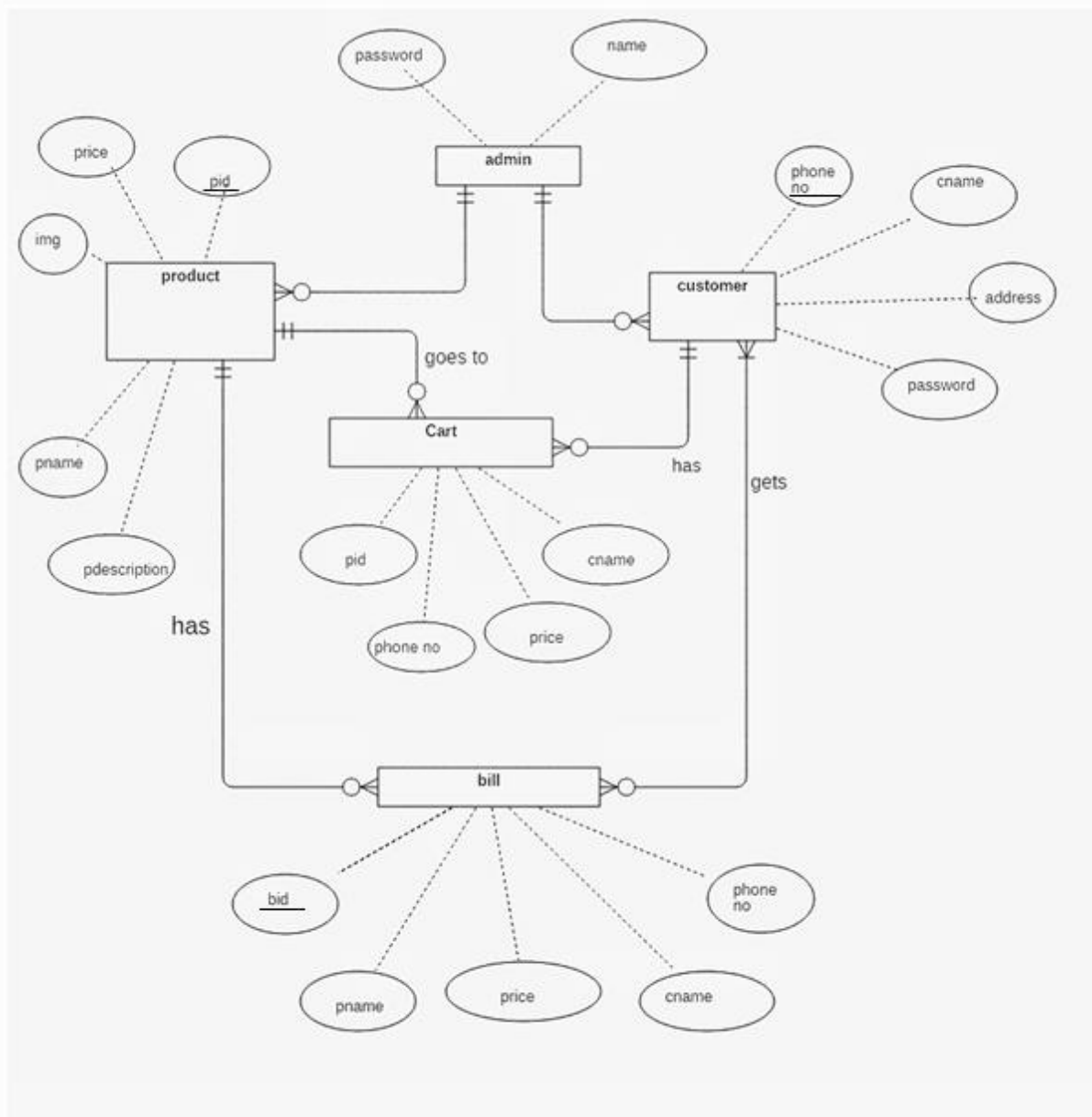
❖ **USER REQUIREMENTS:**

- To use this software user must know the operation of our software. Our input screens are familiar with the existing environment. It provide graphical interface that will be easy to understand.

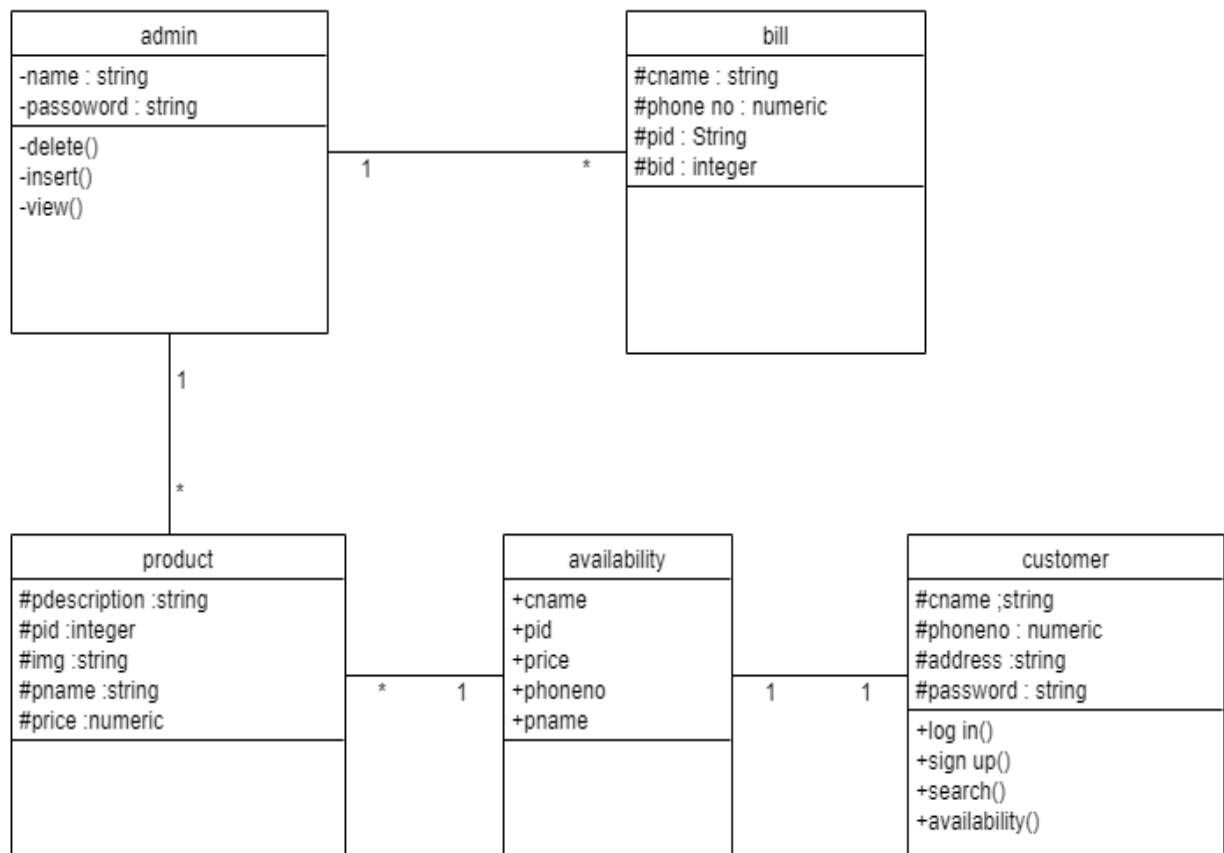
- The system will be php based & user friendly. The users of system are familiar with the computer , hence the operation of system would enhance the speed of work.

❖ **ANALYSIS AND DESIGN:**

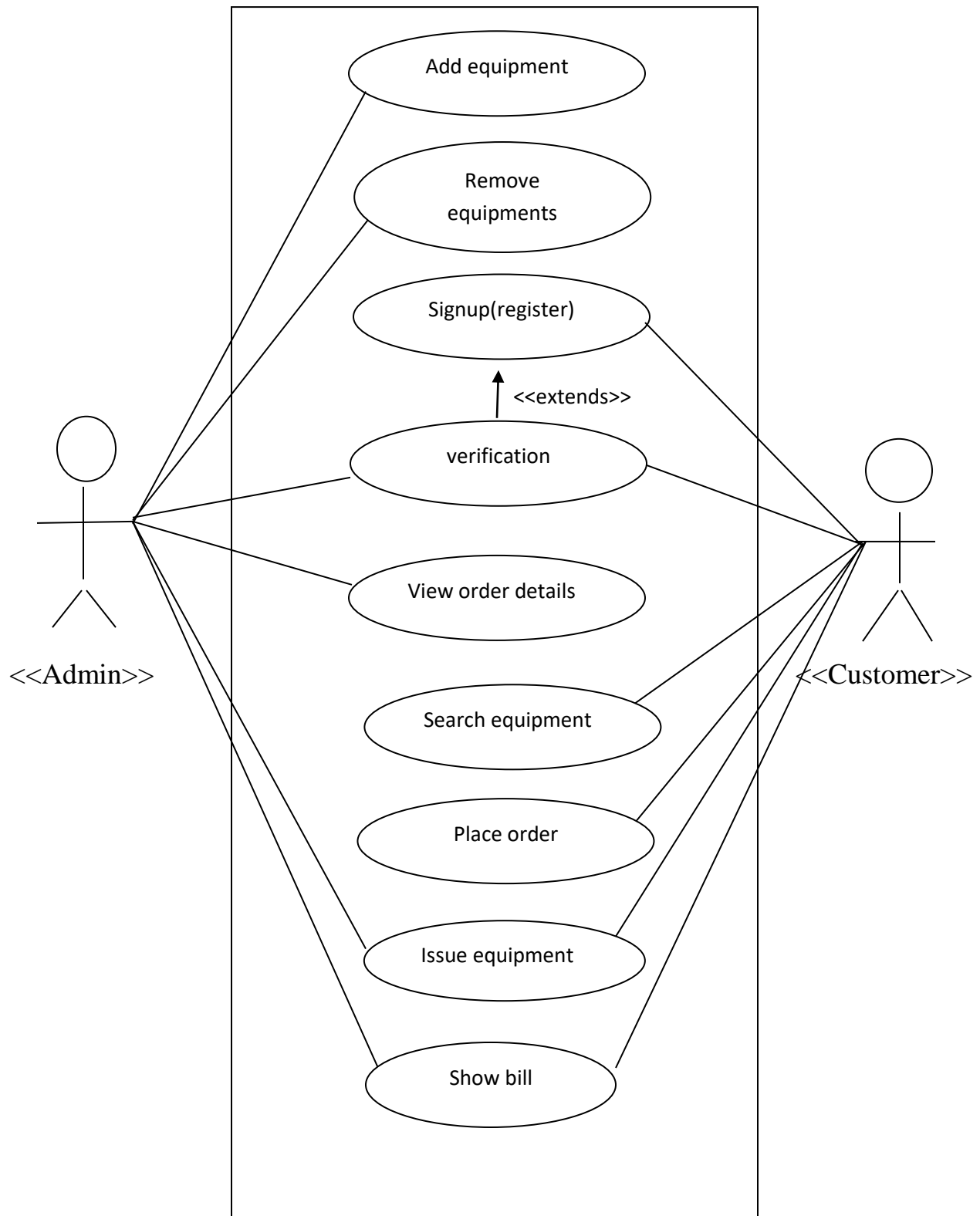
E-R DIAGRAM



CLASS DIAGRAM

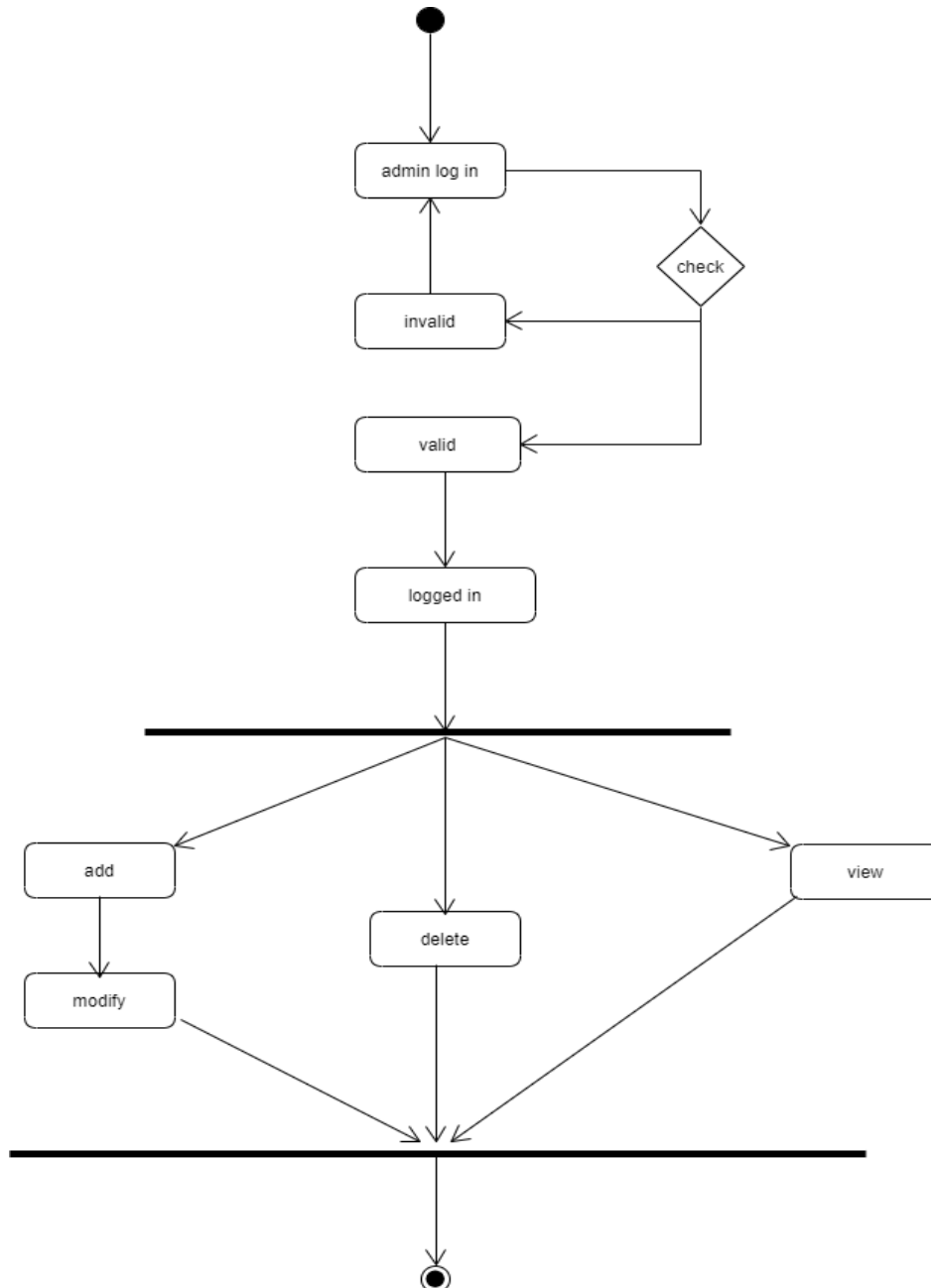


USECASE DIAGRAM

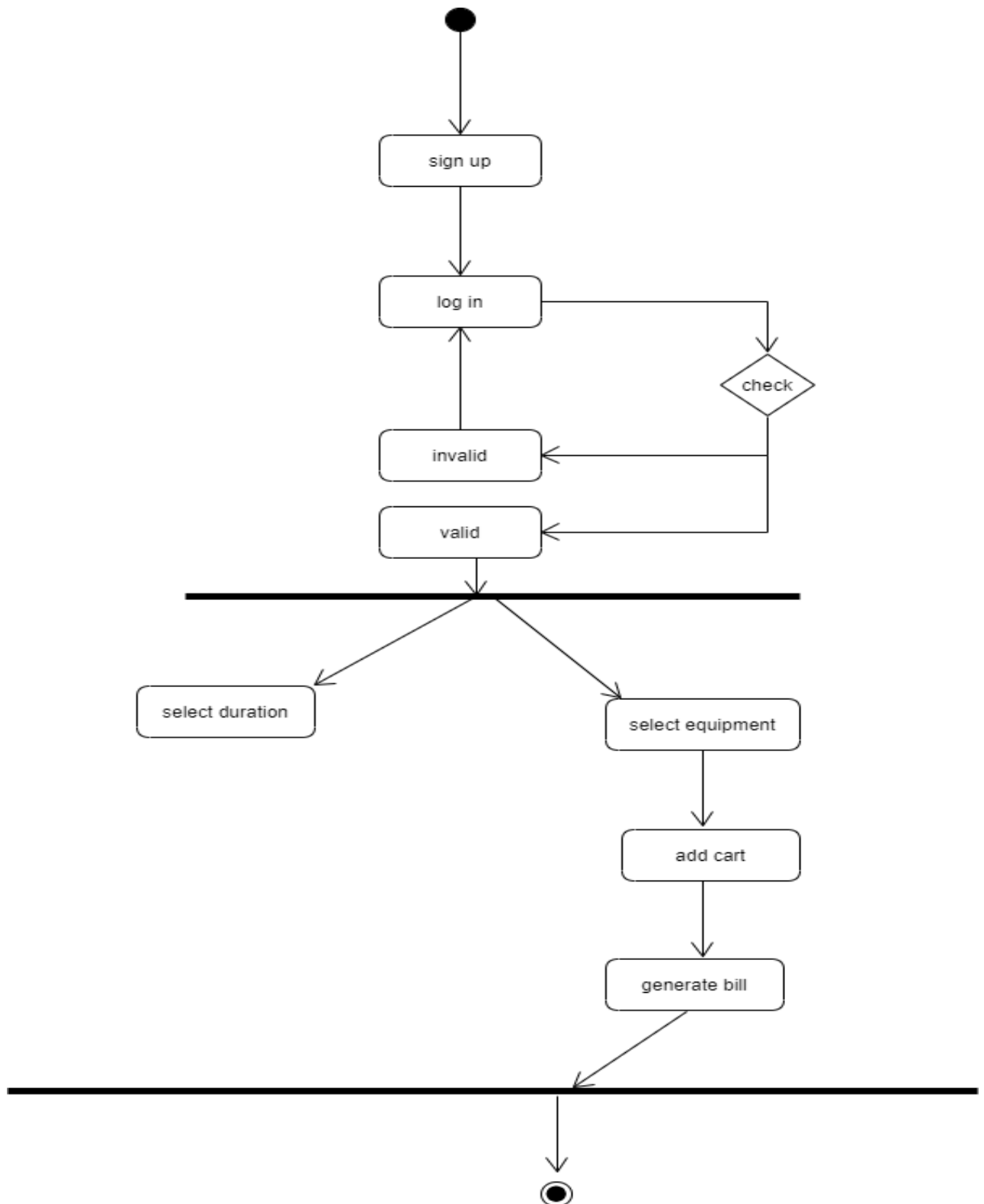


ACTIVITY DIAGRAM

- Admin

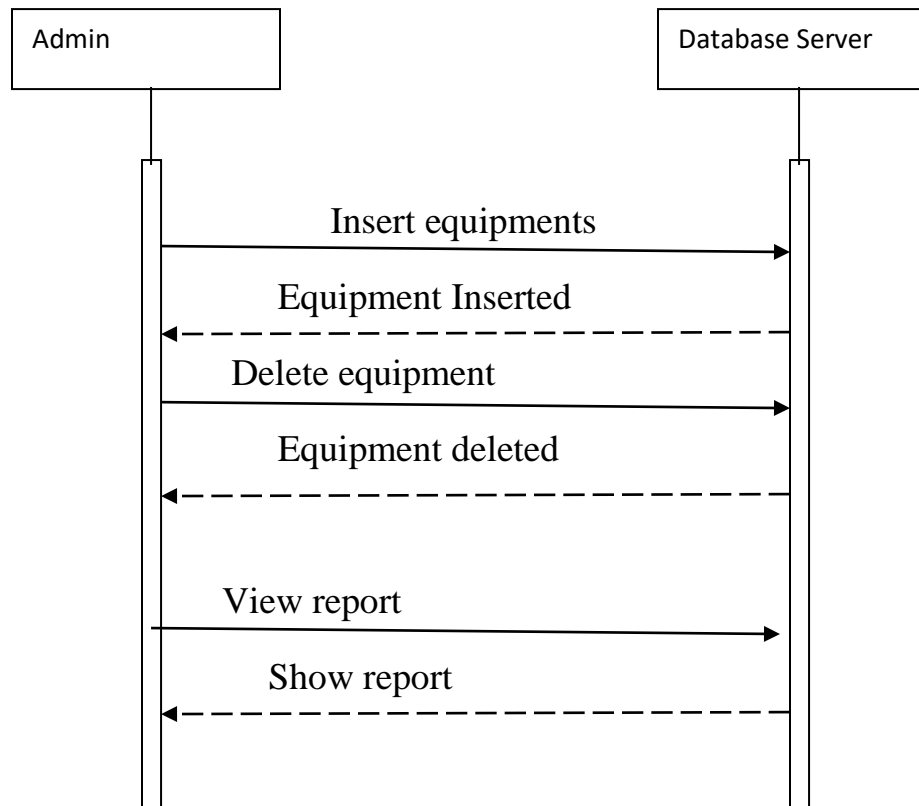


- **Customer:**

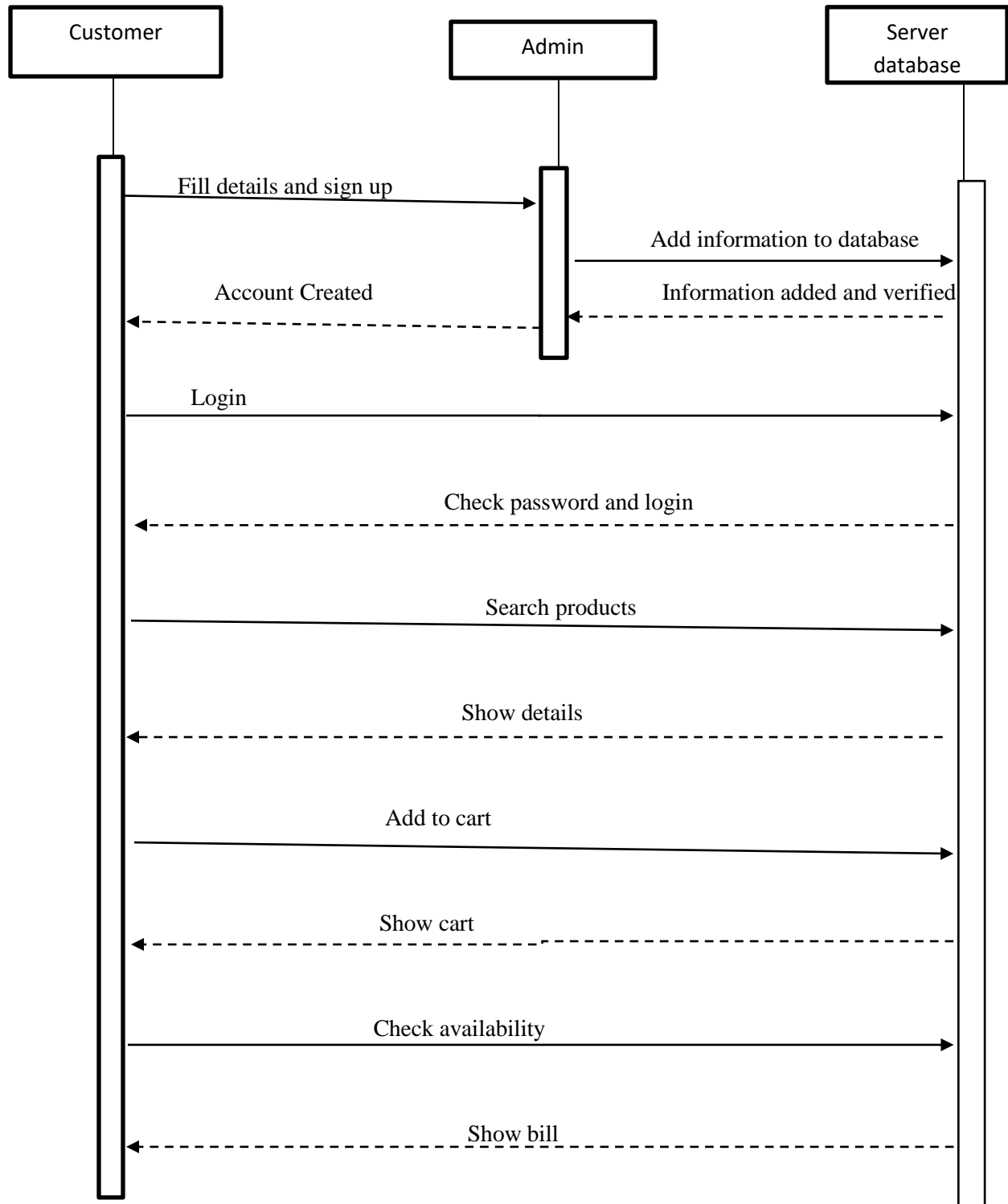


SEQUENCE DIAGRAM

- **Admin:**



- **Customer:**



❖ TABLE SPECIFICATIONS:

Admin :

Column	Type
Name	Varchar(20)
Password	Varchar(20)

Customer:

Column	Type	Constraint
Name	Varchar(20)	-
Phoneno	Numeric[10]	Primary key
Address	Varchar(50)	-
Password	Varchar(20)	-

Products:

Column	Type	Constraint
Pid	Varchar(10)	Primary key
Pname	Varchar(20)	
Pdescription	Varchar(50)	
Img	Varchar(50)	
Price	Numeric	

Bill:

Column	Type	Constraint
Bid	Integer	Primary key
Pid	Varchar	Foreign key
Phoneno	Numeric	Foreign key
Cname	Varchar	
Price	Numeric	

Cart:

Column	Type	Constraint
Pid	integer	Foreign key
Phone	numeric	Foreign key
Cname	varchar	
Price	integer	

❖ **LIMITATIONS:**

- Customers have to make payment by cash.
- Customers have to call and check for availability of the equipment.
- Customers have to pick up the order from our shop.

❖ **PROPOSED ENHANCEMENT:-**



- Adding new equipments.
- Adding card and net-banking payment option.
- Home delivery of order.

❖ **BIBLIOGRAPHY:**

Website:

- ✓ W3schools

Books :

-  Internet programming I and II (vision and techMax publications) .
-  Object Oriented Software Engineering.