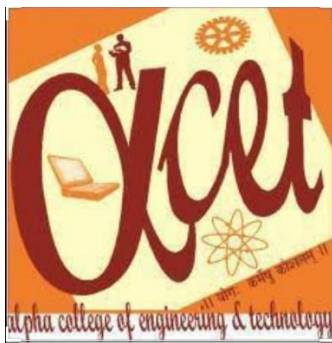


A Project Report on
MAID INDIA
Submitted By
Preksha Patel
(186940307534)
&
Drashti Patel
(186940307529)
In fulfilment for the award of the degree
Of
DIPLOMA ENGINEERING
IN
COMPUTER ENGINEERING



ALPHA COLLEGE OF ENGINEERING & TECHNOLOGY, GANDHINAGAR
GUJARAT TECHNOLOGICAL UNIVERSITY, AHMEDABAD

CERTIFICATE

DATE:

*This is to certify that the Project entitled “**MAID INDIA**” has been carried out by **Preksha Patel (186940307534) and Drashti Patel (186940307529)** under my guidance in partially fulfillment of the Dipolma of Department of Computer Engineering 5th Semester of Gujarat Technological University, Ahmedabad during the academic year 2020-21.*

Internal Guide

Computer Engineering Department

Head Of Department

Dr.Dushayantsinh Rathod

Computer Engineering

ALPHA COLLEGE OF ENGINEERING AND TECHNOLOGY , GANDHINAGAR

ACKNOWLEDGEMENT

We could have accomplished nothing without the moral support and guidance from our organization & friends. Many people have contributed to make this project a reality, and we would like to thank them all. We express my sincere gratitude to **Miss. Vishwa Updhy** and for their timely help and guidance at every stage of execution and development of project. whenever any student has problem they paid attention to him.

With Sincere Regards

Preksha Patel (186940307534)

Drashti Patel (186940307529)

ABSTRACT

Maid India is a Web Application by which user can get the maid as per budget and in the required area. Suppose if user is new in any city and needs a maid the using this web application easily he/she could get maid with document verification and police verification . When any maid get registered to your Web application then we do background verification including address , id proof and police verification then we approved any of request.

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➤ COMPANY PROFILE



- Praxware Technologies is one of the well-known IT Development, Training & Placement Service Provider. It offers variety of services including web and Mobile Development, Corporate Training and Digital Marketing with quality assurance.
- At Praxware Technologies, we have the most experienced and dedicated developers and programmers who are always in accord with the fast growing technological or bit.
- Our major objective is to provide state-of-art products and innovative services in the field of Information Technology. We have designed and implemented a number of path breaking solutions that are user centric and target oriented. We are always committed to establishing long term relation ship with our esteem Clients and Business Partners.

- Compelled to have an in-depth understanding of our clients needs and concerns, we provide total Business Solutions with an uncompromising level of excellence and integrity.

1.0 INTRODUCTION

1.1 PROJECT SUMMARY

- Maid India is a Web Application by which user can get the maid as per their budget and in the required area .Suppose if user is new in any of city and needs a maid with document verification and Police Verification . When any maid get registered to our web Application then we do background verification including address, id proof and police verification then we approved any of request.

1.2 PURPOSE

- The Purpose of this project is to provide verified maid to the needy Person in required budget and area.

1.3 SCOPE

- New System will be completely online web based system so there is no limitation of physical location.
- In Upcoming days this will be more useful to users who are shifted to new city and looking for maid.
- From this web application they would be able to get verification maid without paying any cost.

1.4 TECHNOLOGY REVIEW

❖ PHP



- PHP is an acronym for "PHP: Hypertext Preprocessor". PHP is a widely-used, open source scripting language. PHP scripts are executed on the server. PHP is free to download and use.
- It is powerful enough to be at the core of the biggest blogging system on the web (WordPress). PHP files can contain text, HTML, CSS, JavaScript, and PHP code. PHP code are executed on the server, and the result is returned to the browser as plain HTML. PHP files have extension ".php".
- PHP runs on various platforms (Windows, Linux, Unix, Mac OS X, etc.).
- PHP is compatible with almost all servers used today (Apache, IIS, etc.).

- PHP supports a wide range of databases. PHP is easy to learn and run. PHP can generate dynamic page content. PHP can create, open, read, write, delete, and close files on the server. PHP can collect form data. PHP can send and receive cookies. PHP can add, delete, modify data in your database. PHP can be used to control user-access. PHP can encrypt data.

❖ HTML



- HTML5 is the next major revision of the HTML standard superseding HTML 4.01, XHTML 1.0, and XHTML 1.1. HTML5 is a standard for structuring and presenting content on the World Wide Web.
- HTML5 is a cooperation between the World Wide Web Consortium (W3C) and the Web Hypertext Application Technology Working Group (WHATWG).

- The new standard incorporates features like video playback and drag-and-drop that have been previously dependent on third-party browser plug-ins such as Adobe Flash, Microsoft Silverlight, and Google Gears.
- The mobile web browsers that come pre-installed on iPhones, iPads, and Android phones all have excellent support for HTML5.
- The latest versions of Apple Safari, Google Chrome, Mozilla Firefox, and Opera all support many HTML5 features and Internet Explorer 9.0 will also have support for some HTML5 functionality.

❖ CSS3



- Cascading Style Sheets, fondly referred to as CSS, is a simple design language intended to simplify the process of making web pages presentable.
- Cascading Style Sheets, fondly referred to as CSS, is a simple design language intended to simplify the process of making web pages presentable.
- CSS handles the look and feel part of a web page. Using CSS, you can control the color of the text, the style of fonts, the spacing between

paragraphs, how columns are sized and laid out, what background images or colors are used, layout designs, variations in display for different devices and screen sizes as well as a variety of other effects.

- CSS is easy to learn and understand but it provides powerful control over the presentation of an HTML document. Most commonly, CSS is combined with the markup languages HTML or XHTML.
- Advantages of CSS is that, **CSS saves time, Pages load faster, Easy maintenance, Superior styles to HTML, Multiple Device Compatibility, Global web standards, Offline Browsing, Platform Independence**

❖ JQuery



- jQuery is a fast and concise JavaScript library created by John Resig in 2006. jQuery simplifies HTML document traversing, event handling, animating, and Ajax interactions for Rapid Web Development.
- jQuery is a fast and concise JavaScript Library created by John Resig in 2006 with a nice motto – **Write less, do more.**
- jQuery simplifies HTML document traversing, event handling, animating, and Ajax interactions for rapid web development.

- jQuery is a JavaScript toolkit designed to simplify various tasks by writing less code.
- Here is the list of important core features supported by jQuery – **DOM manipulation, Event handling, AJAX Support, Animations, Lightweight, Cross Browser Support, Latest Technology.**

1.4.1 Back End: Microsoft SQL Server

- SQL Stands for “Structured Query Language” and “SQL Server” is one of the well-known Database system in the world. The data in SQL Server is stored in database object called tables. A table is a collection of related data entries and it consists of columns and rows. Databases are useful when storing information categorically. SQL Server run on only Microsoft Platforms including Windows Vista, Windows XP, Windows 7 and other OS which is supported PHP.

2.0 PROJECT MANAGEMENT

2.1 PROJECT PLANNING

- Project planning is one of the major tasks that are performed during the development of the project. Using project planning , the task of finding the size of the project is done and with that total amount of time and cost required for project development is calculated.
- Planning of this project was done using a special approach . After getting the project definition, upper level analysis was performed first. That analysis was confined to the whole project level. That analysis gave the idea about the size and the structure of the project and using that analysis information, planning of the project was done.

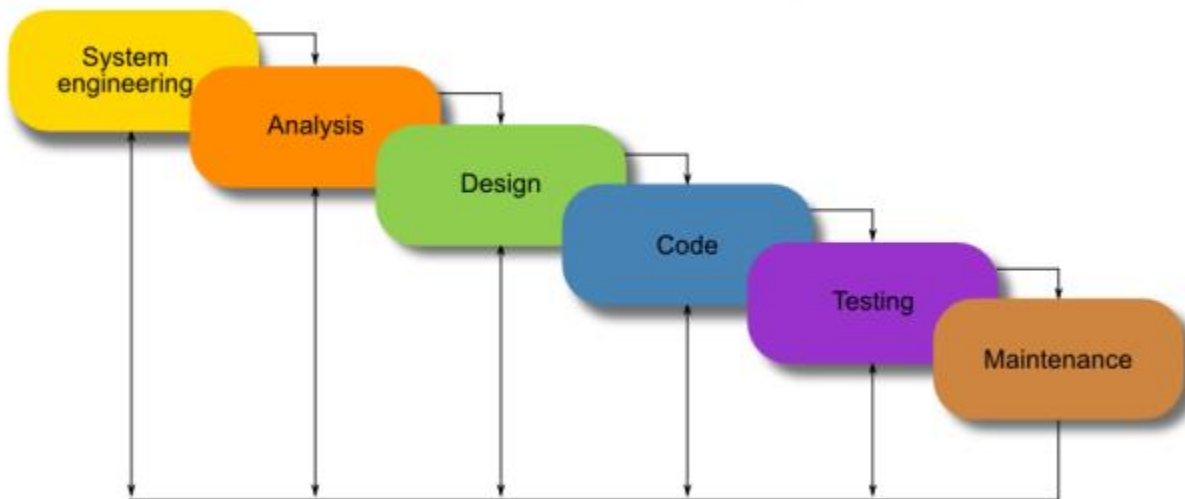
2.1.1 APPROCH

- The approach to develop the software system should follow some systematic way i.e. Software Development Life Cycle. Using the upper level analysis and the environment of the project , which lifecycle model would fit properly for this project was judged. After deciding the proper software development lifecycle model , the development of this project according to the model was done.

2.1.2 WATERFALL MODEL

- The Waterfall Model was the first Process Model to be introduced. It is very simple to understand and use. In a Waterfall model, each phase must be completed before the next phase can begin and there is no overlapping in the phases. The waterfall model is the earliest SDLC approach that was used for software development. In “The Waterfall” approach, the whole process of software development is divided into separate phases. The

outcome of one phase. This means that any phase in the development process begins only if the previous phase is complete . The waterfall model is a sequential design process in which progress is seen as flowing steadily downwards (like a waterfall) through the phases of Conception, Initiation, Analysis, Design, Construction, Testing Production/Implementation , and Maintenance.



2.2PROJECTSCHEDULING

- Project Scheduling consists of identifying the tasks needed to complete the project , determine the dependency among different tasks ,plan the starting and ending dates for various tasks and determine the chain of tasks that determine the duration of the projecting Project scheduling we decide the order in which to do the tasks

GANTTCHART

Task name	Jun10	Jul10	Aug10	Aug10	Oct10
Requirement – gathering					
System requirement study					

Project management					
System analysis					
System design					

2.2.1 RISK MANAGEMENT

- Risk management is the process of measuring, or assessing, risk and developing strategies to manage it. Strategies include transferring the risk to another party, avoiding the risk, reducing the negative effect of the risk, and accepting some or all of the consequences of a particular risk.
- Traditional risk management focuses on risks that can be managed using traded financial instruments. In ideal risk management, aprioritization process is followed where by the risks with the greatest loss and the greatest probability of occurrence and lower loss are handled later.

2.2.2 RISK IDENTIFICATION

- After establishing the context, then exist in the process of managing risk is to identify potential risks. Risks are about events that, when triggered, cause problems. Hence, risk identification can start with the problem itself.
- In this project there can be following risks.
- The other risk is associated with the software. If in the software the wrong user is authorized by mistake then he may do changes that cause the system in dangerous mode. There can be risk of natural threats.

2.2.3 Risk Analysis

- Risk analysis is the important aspect of the system planning, whenever planning the Website programmer always has to consider the risk of system which he might face in the App.
- Risks are of two types:

1.Proactive Risk

- Proactive Risk Management provides an extremely practical guide to tools ,techniques & strategy that best enable that risk-based communication.

2.Reactive Risk

- Risks can occur in many ways because it is one window system to improve existing real life system.
- Risk analysis begins with a detailed study of the risk issues that have been identified and approved by decision-makers for further evaluation. The objective is to gather enough information about the risk issues to judge the likelihood of occurrence and cost schedule and technical performance Risk analysis are often based on detailed information that may come from a variety of Techniques, including but not limited to:
 - Analysis of plans and related documents
 - Comparisons with similar systems

2.3.3 Risk Planning

- Once risks have been identified and assessed all techniques to manage the risk fall into one or more of these for major categories:
 - Tolerate(retention)
 - Treat(mitigation)
 - Terminate(elimination)
 - Transfer (buying insurance)
- Ideal use of these strategies may not be possible. Some of them may involve trade-offs that are not acceptable to the organization or person making the risk management decisions.

3.0 SYSTEM REQUIREMENTS

3.1 EXISTING SYSTEM / SCENARIO

PROBLEM DEFINATION:

- Difficult to find maid while you shifting to new area .
- Security Concerns
- Limited Options
- Difficult to find in our Budget
- Time Consuming Process

3.2 PROPOSED SYSTEM

- In the proposed system the customer not go to finds the maid outside. He/ She do registration on the web application . They can find the maid on the website. Customers can find maid their own Budget. And maid come our home with their verify documents and police verification. Any maid can registered to the Web application then we do background verification including address ,id proof and police verification then we approved any of request.

3.2.1 MODULES AND FEATURES IN THE NEW SYSTEM

- Now-a-days, almost all people are busy with their own works or business. They don't even have time to go find a maid . Although they are in the need of something, we can't tell neighbor to find a maid due to the shortage of time. Keeping these things in mind , made a Web application , some of the features of our project are as follow:

3.2.2 USER CHARACTERISTICS

Project Modules

1. Admin
2. Maid
3. Verification Staff
4. Customer

1.Admin

- Login
- Manage Verification Staff
- View Maid Registration Requests
- Assign maid verification request to Staff
- Update maid status from pending/approved/rejected
- View all Registered Customers
- View Inquiries
- View feedbacks

2.Maid

- Registration& Login
- Receive Message Notification
- Post Work Experience
- Post feedbacks about Customer

3.Verification Staff

- Login
- Manage Maid Address/Id Proof Verification
- Manage Police Verification of Maid
- Change/ Forgot password
- Logout

4.Customer

- Search & View Maid (Area and Budget wise)
- Registration& Login
- Request Maid to Call (Message Notification)
- Post Work Review About Maid
- Change/Forgot password
- Post feedbacks

3.2.3 Hardware & Software Requirements

Hardware Specification

- Client
- Server: XAMPP Server
- RAM:4 GB
- Hard Disk: 500 GB free
- OS: Windows XP or Higher, Linux, Mac.
- Server
- Server: XAMPP Server
- RAM: 8 GB
- Hard Disk: 1 TB
- OS: Windows XP or Higher, Linux, Mac. Software Specification

Front End:

- Technology: PHP
- Scripting language: JS, JQUERY
- Web Design: HTML/CSS
- Tools: Sublime

Back End:

- Server: XAMPP Server

- Database: MYSQL
- Web Browser: Google Chrome, Mozilla Firefox 10.0 1.6 Literature Review 1

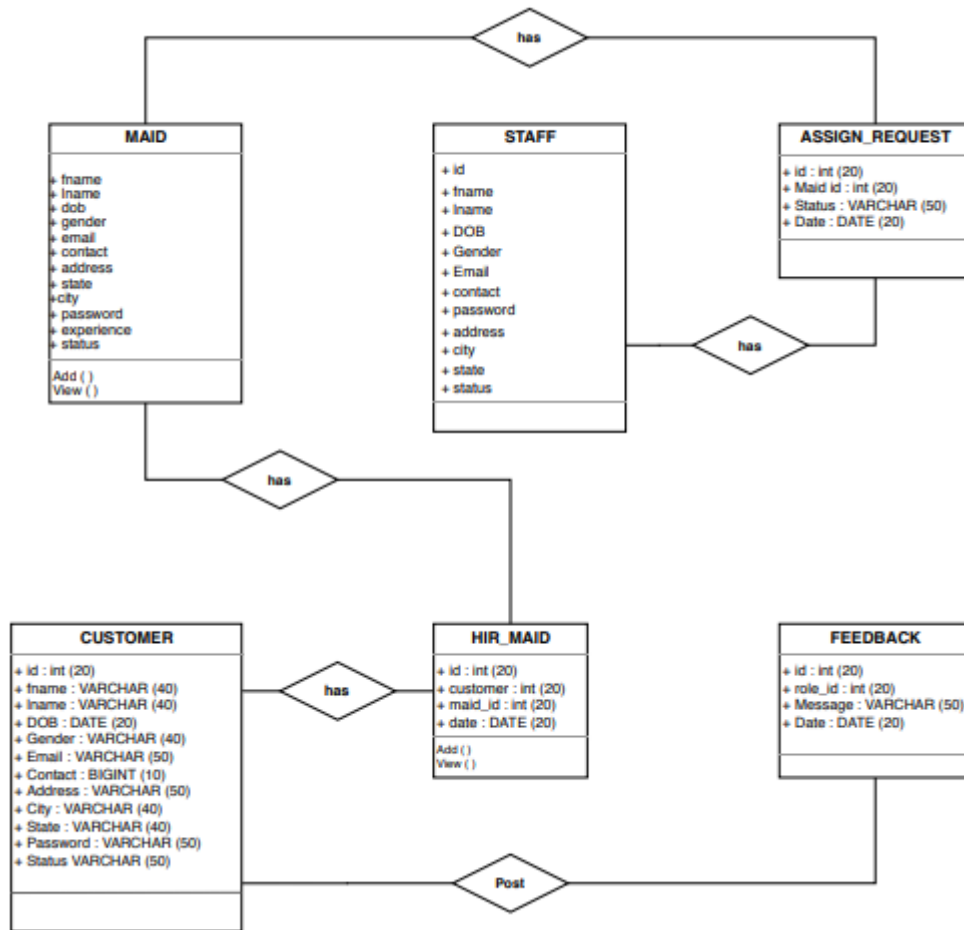
3.2.4 Assumptions and Dependencies

- Assumptions and Dependencies It is assumed that alumni data will be made available for the project in some phase of its completion. Until the, test data will be used for providing the demo for the presentations. It is assumed that the user is familiar with an internet browser and also familiar with handling the keyboard and mouse. Since the application is a web based application there is a need for the internet browser . It will be assumed that the users will possess decent internet connectivity.

4.0 SYSTEM ANALYSIS AND DESIGN

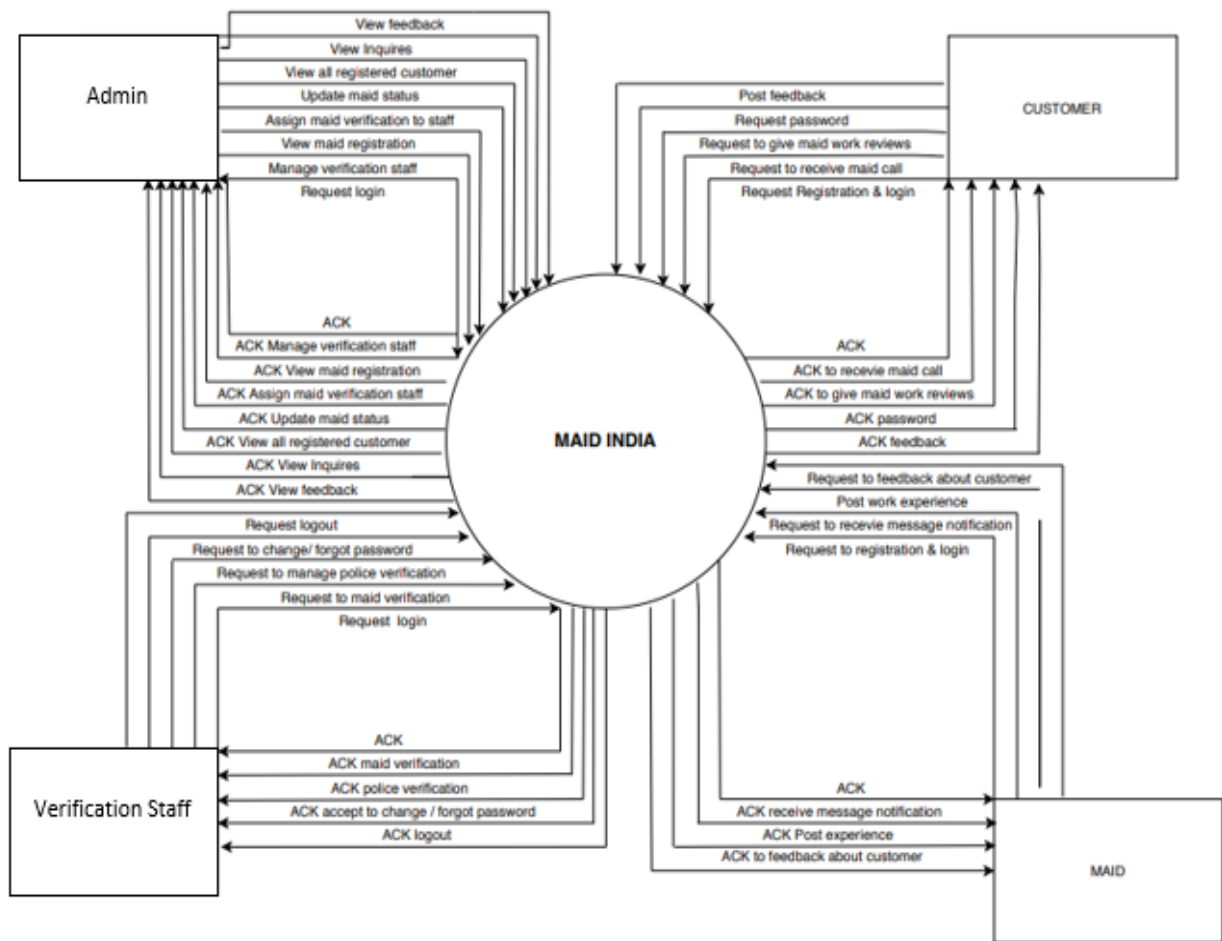
4.1 STRUCTURE VIEW

4.1.1 CLASS DIAGRAM



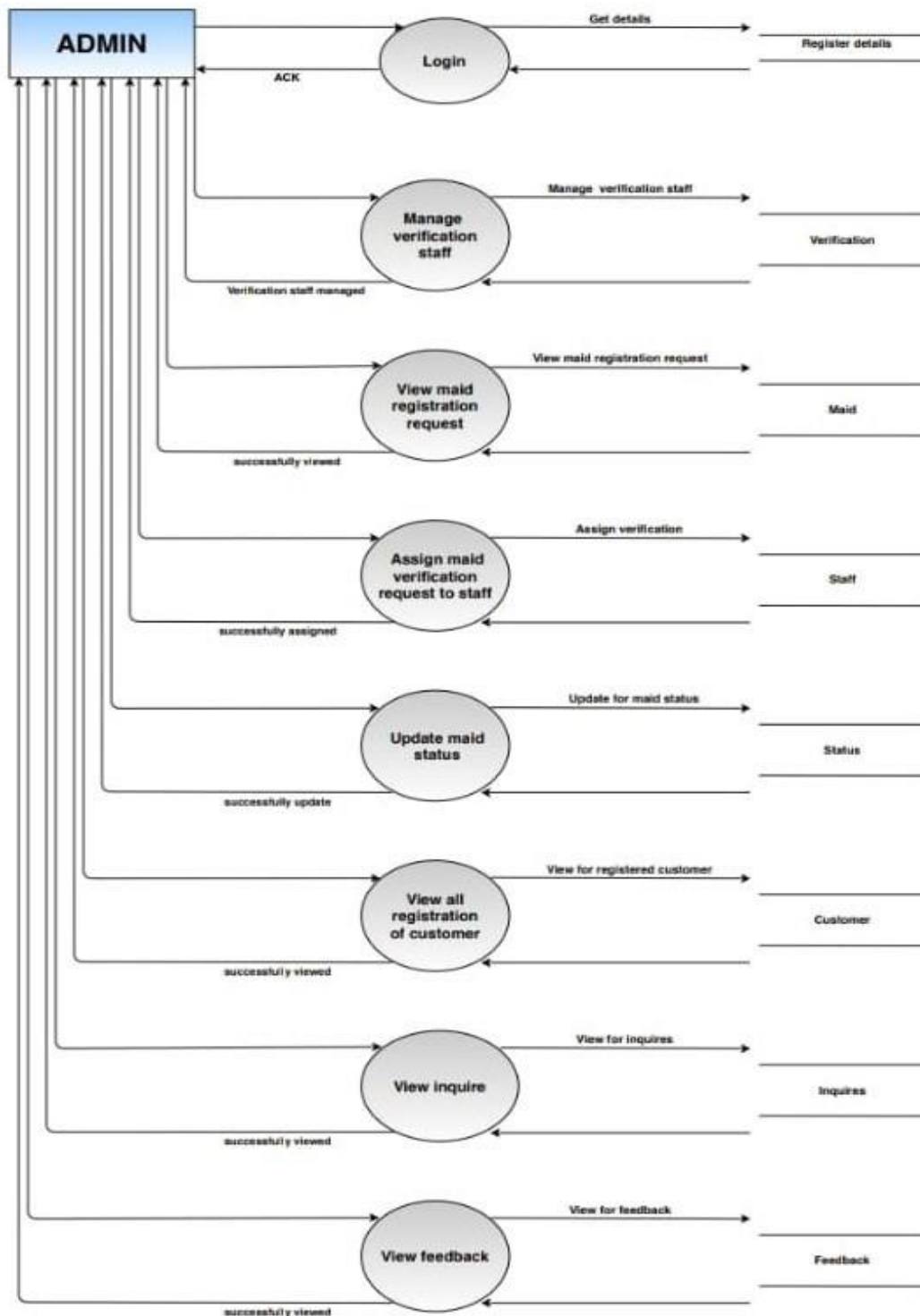
4.2 Functional Modelling

4.2.1 Data Flow Diagram

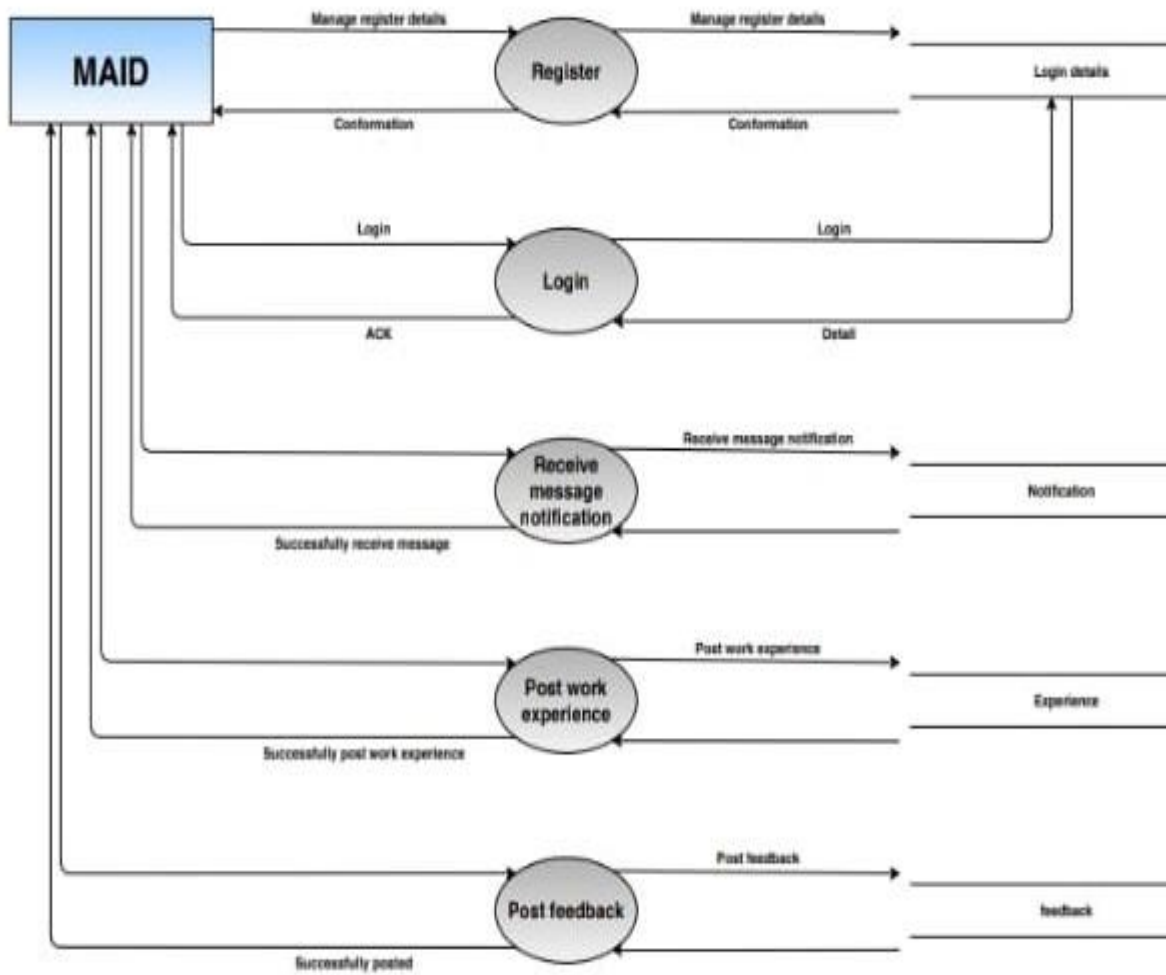


4.2.1.1 CONTEXT DFD

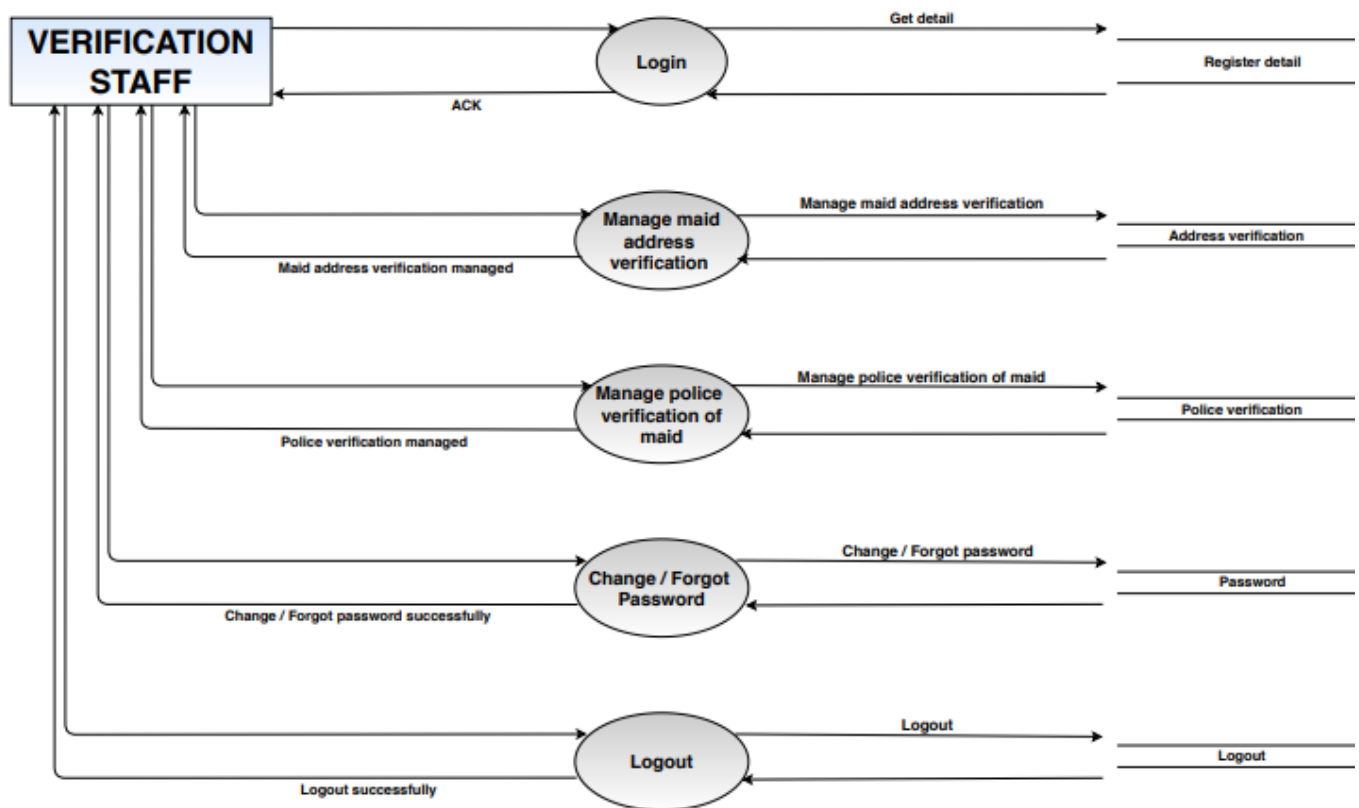
4.2.1 DFD 1st Level ADMIN



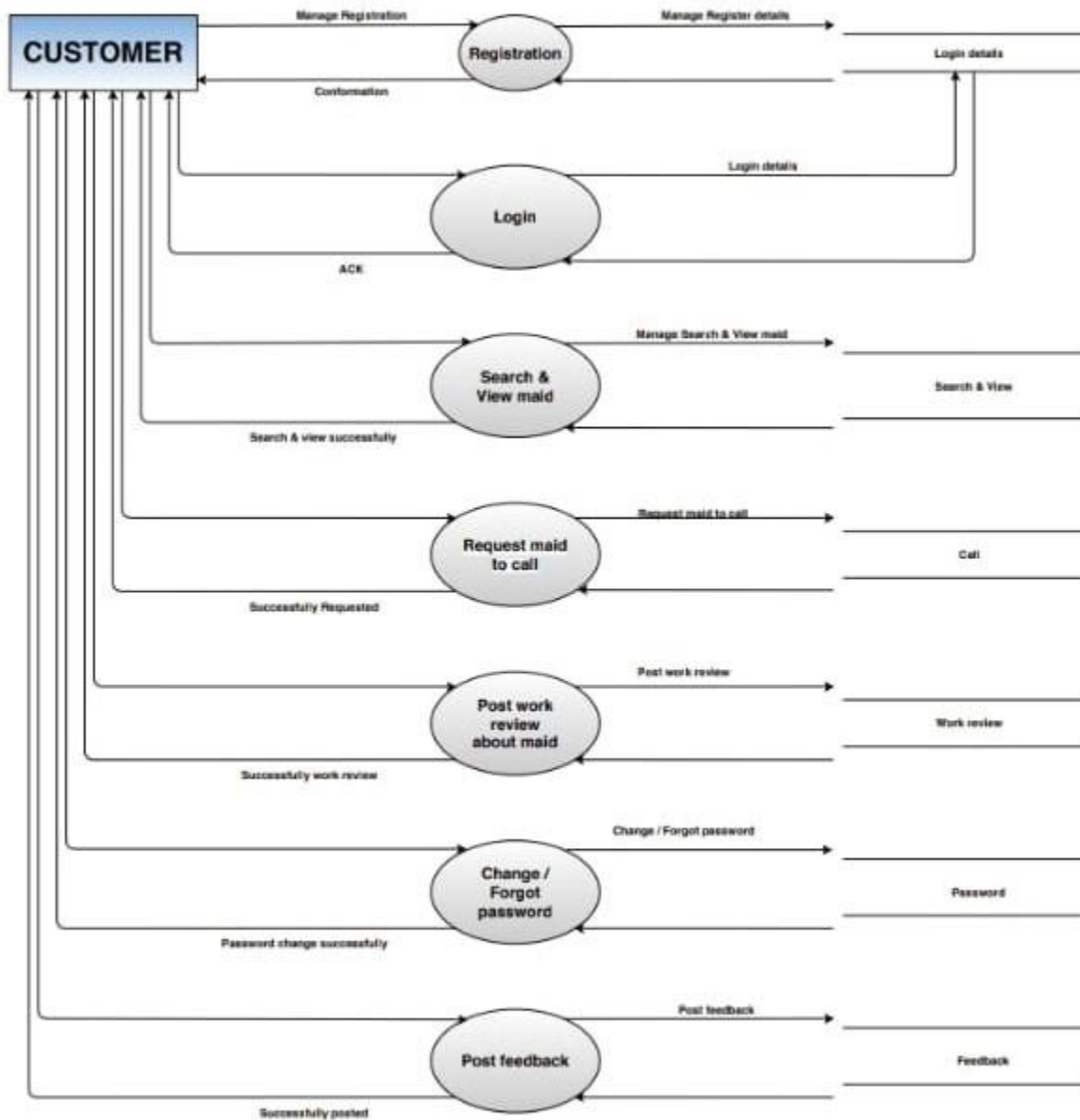
4.2.2 DFD 1st Level MAID



4.2.3 DFD 1st Level VERIFICATION STAFF



4.2.4 DFD 1st Level CUSTOMER



4.2.2 DATA DICTIONARY

1)ADMIN

FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
Login_id	INTEGER	20	PRIMARY KEY , AUTO INCREMENT	Unique ID of Admin
Username	VARCHAR	40	-	Store Username
Password	VARCHAR	40	-	Store Password
E_mail	VARCHAR	50	-	Store Email
Contact	BIGINT	10	-	Store Contact

2)STAFF

FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
Staff_id	INTEGER	20	PRIMARY KEY , AUTO INCREMENT	Store Staff_id
F_name	VARCHAR	40	-	Store F_name
L_name	VARCHAR	40	-	Store L_name
DOB	DATE	20	-	Store DOB
Gender	VARCHAR	20	-	Store Gender
E_mail	VARCHAR	50	-	Store E_mail
Contact	BIGINT	10	-	Store Contact
Password	VARCHAR	40	-	Store Password
Address	VARCHAR	50	-	Store Address

City	VARCHAR	40	-	Store City
State	VARCHAR	40	-	Store state
Req_date	Date	20	-	Store Req_date
Status	VARCHAR	50	-	Store Status

3)ASSIGN_REQUEST

FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
Id	INTEGER	20	PRIMARY KEY , AUTO INCREMENT	Store ASSIGN_ID
Maid_id	INTEGER	20	FORGEIN KEY	Store MAID_ID
Date	DATE	20	-	Store Date
Status	VARCHAR	50	-	Store Status
Remarks	VARCHAR	50	-	Store Remarks

4)MAID

FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
Id	INTEGER	20	PRIMARY KEY , AUTO INCREMENT	Store Maid_id
F_name	VARCHAR	40	-	Store F_name
L_name	VARCHAR	40	-	Store L_name
DOB	DATE	20	-	Store DOB
Gender	VARCHAR	20	-	Store Gender
E_mail	VARCHAR	50	-	Store e_mail
Contact	BIGINT	10	-	Store Contact
Address	VARCHAR	50	-	Store Address
City	VARCHAR	40	-	Store city
State	VARCHAR	40	-	Store State
Area	VARCHAR	20	-	Store Area
Job_area	VARCHAR	50	-	Store job_area
From_amount	VARCHAR	50	-	Store from_amount
To_amount	VARCHAR	50	-	Store To_amount
Experience	VARCHAR	30	-	Store Experience
Work_description	VARCHAR	50	-	Store Work_description
Id_proof	INTEGER	20	-	Store Id_proof

Address_proof	INTEGER	50	-	Store Address_proof
Status	VARCHAR	50	-	Store Status
Reg_date	DATE	20	-	Store Reg_date

5)CUSTOMER

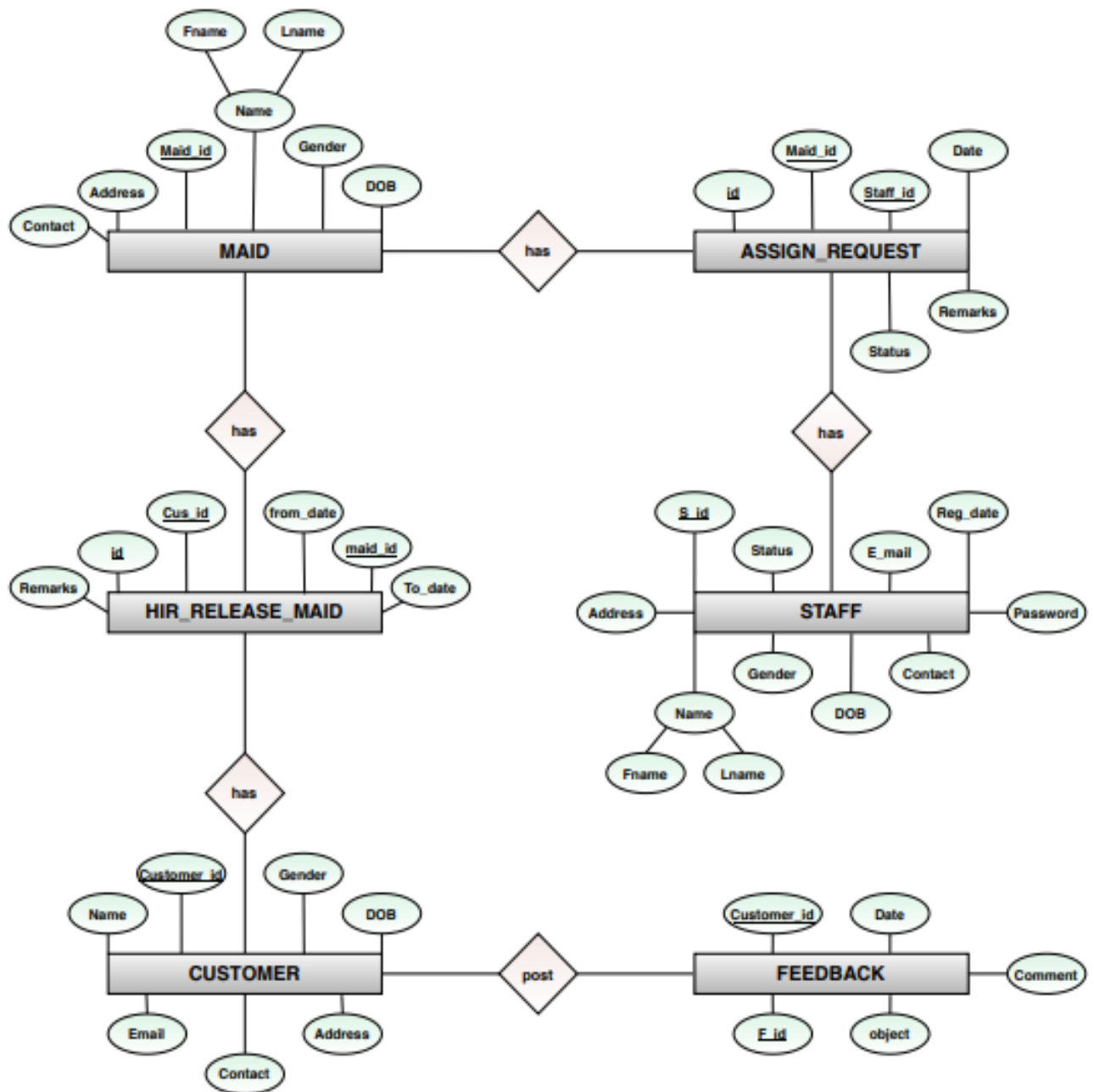
FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
Id	INTEGER	20	PRIMARY KEY , AUTO INCREMENT	Store Maid_id
F_name	VARCHAR	40	-	Store F_name
L_name	VARCHAR	40	-	Store L_name
DOB	DATE	20	-	Store DOB
Gender	VARCHAR	20	-	Store Gender
E_mail	VARCHAR	50	-	Store e_mail
Contact	BIGINT	10	-	Store Contact
Address	VARCHAR	50	-	Store Address
City	VARCHAR	40	-	Store city
State	VARCHAR	40	-	Store State
Password	VARCHAR	40	-	Store Password

Req_date	Date	20	-	Store Req_date
Status	VARCHAR	50	-	Store Status

6)HIR_MAID

FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DISCRIPTION
Id	INTEGER	20	PRIMARY KEY , AUTO INCREMENT	Store Id
Maid_Id	INTEGER	20	FORGEIN KEY	Store Maid_Id
Customer_Id	INTEGER	20	FORGEIN KEY	Store Customer_Id
Date	DATE	20	-	Store Date
From_Amount	INTEGER	50	-	Store From_Amount
To_Date	DATE	20	-	Store To_Date
Remarks	VARCHAR	50	-	Store Remarks

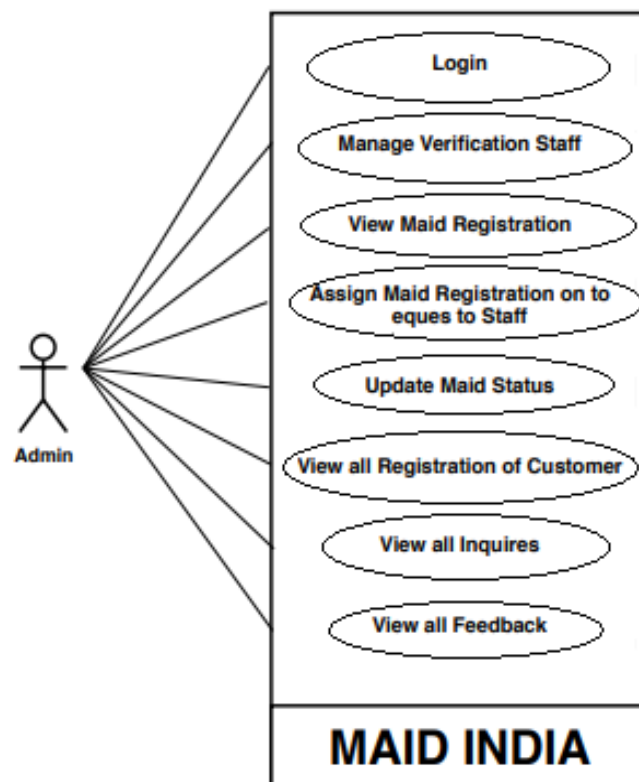
4.2.3 ENTITY RELATIONSHIP DIAGRAM



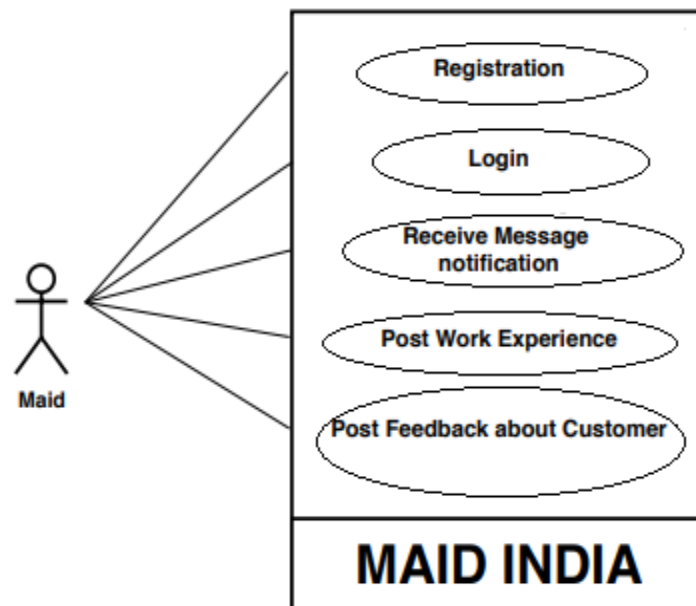
4.3 BEHAVIOURAL MODELLING

4.3.1 USE CASE DIAGRAM

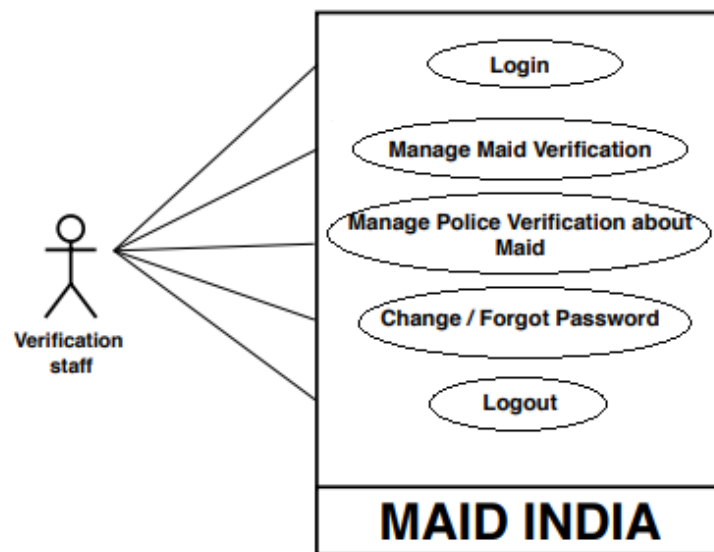
1) ADMIN



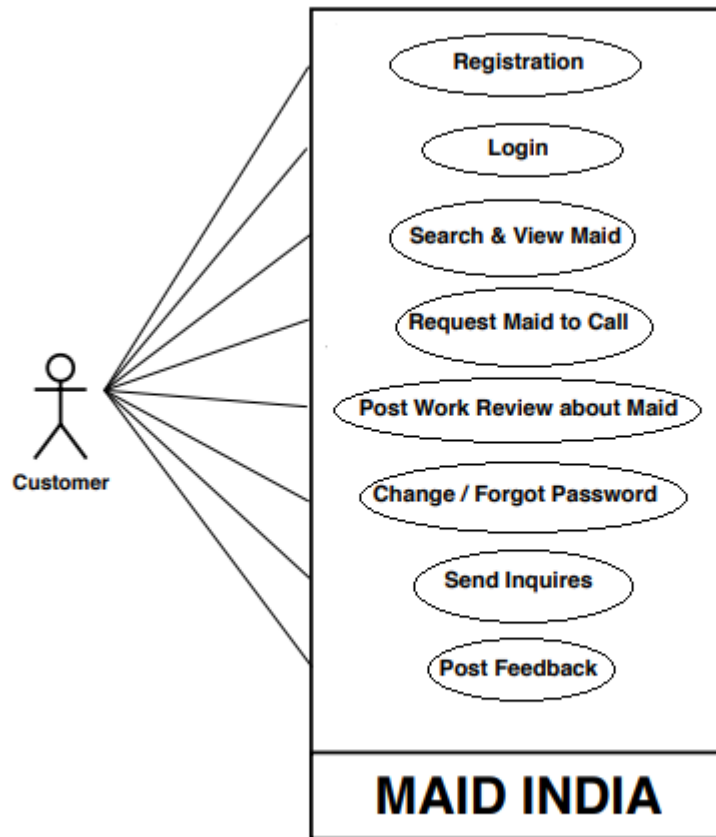
2) MAID



3) VERIFICATION STAFF

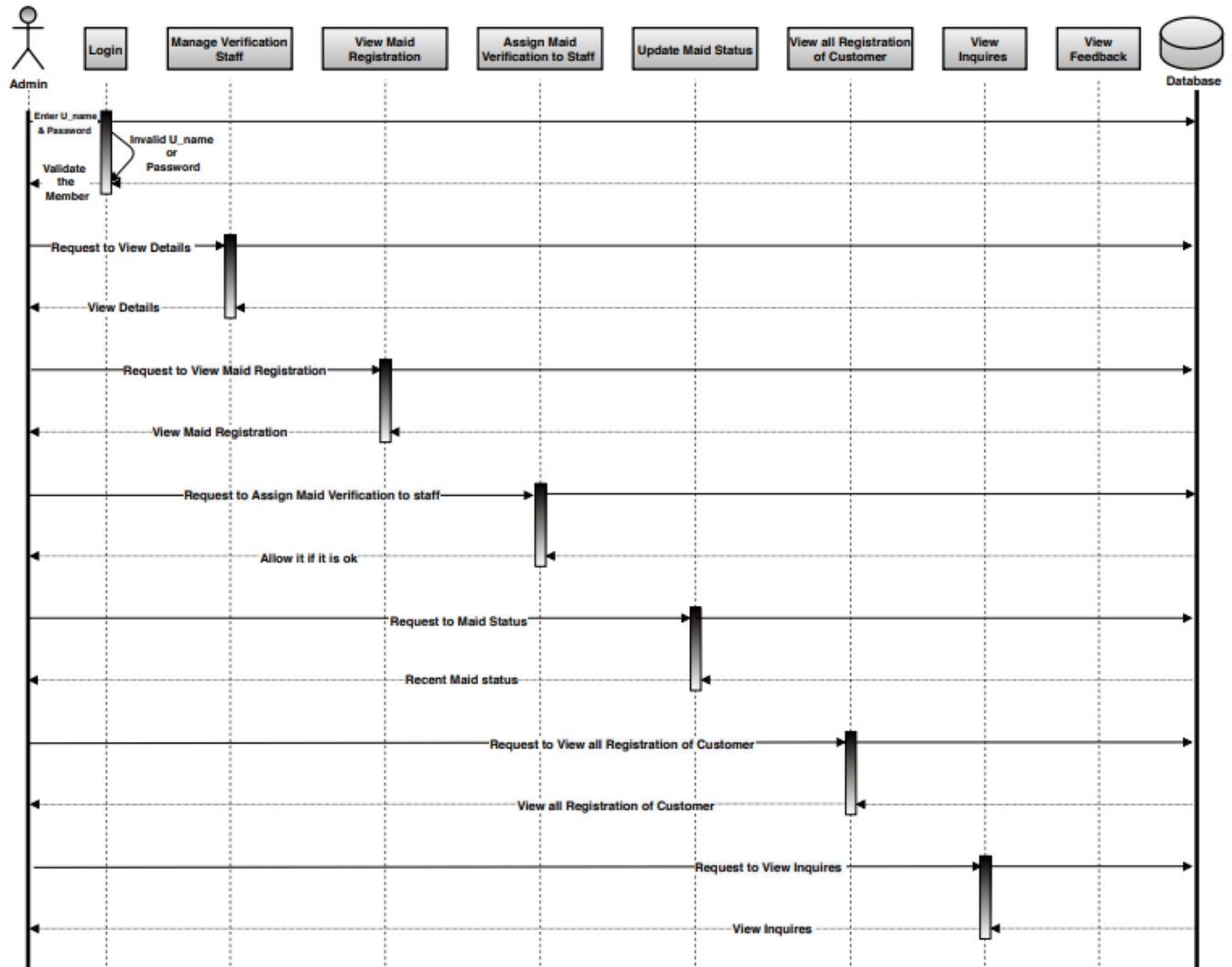


4) CUSTOMER

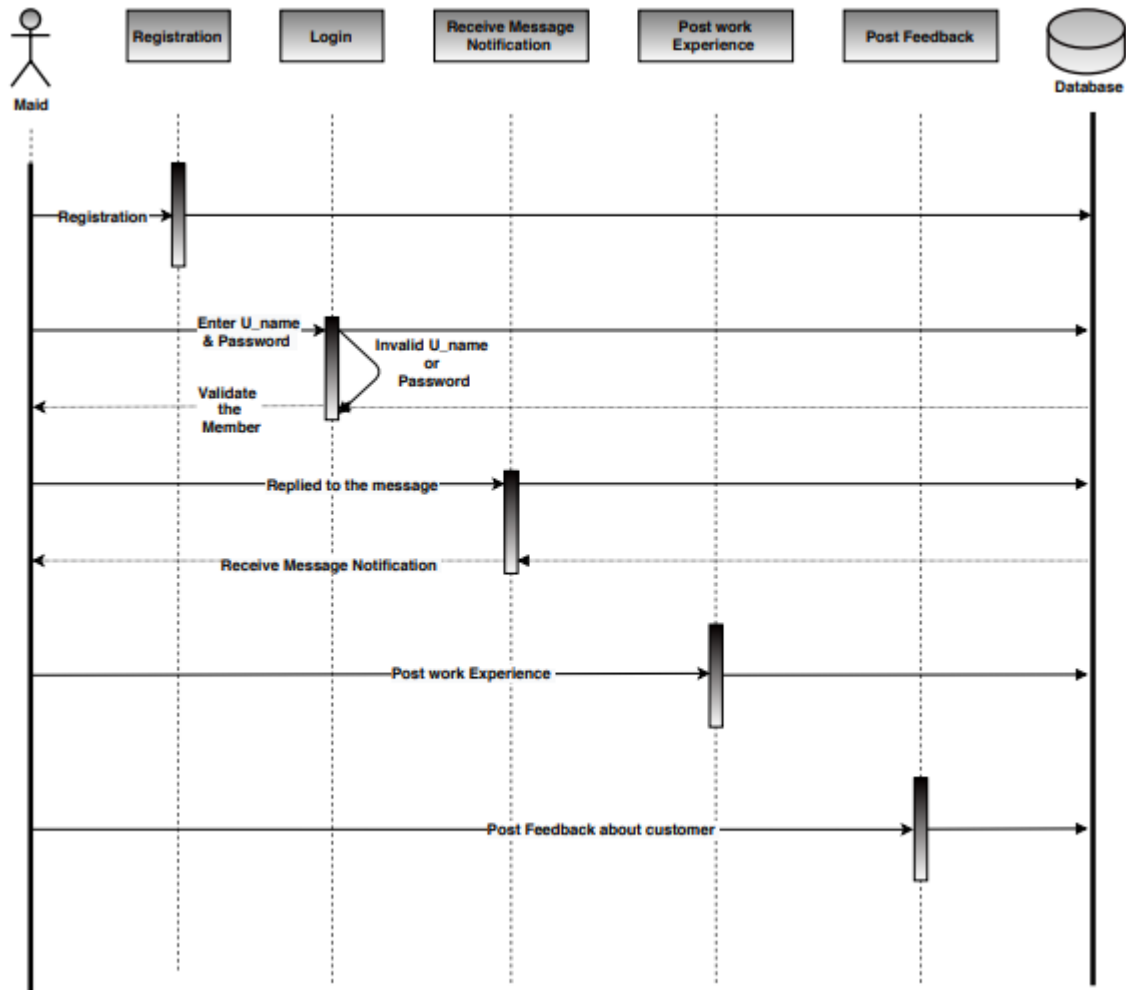


4.3.2 SEQUENCE DIAGRAM

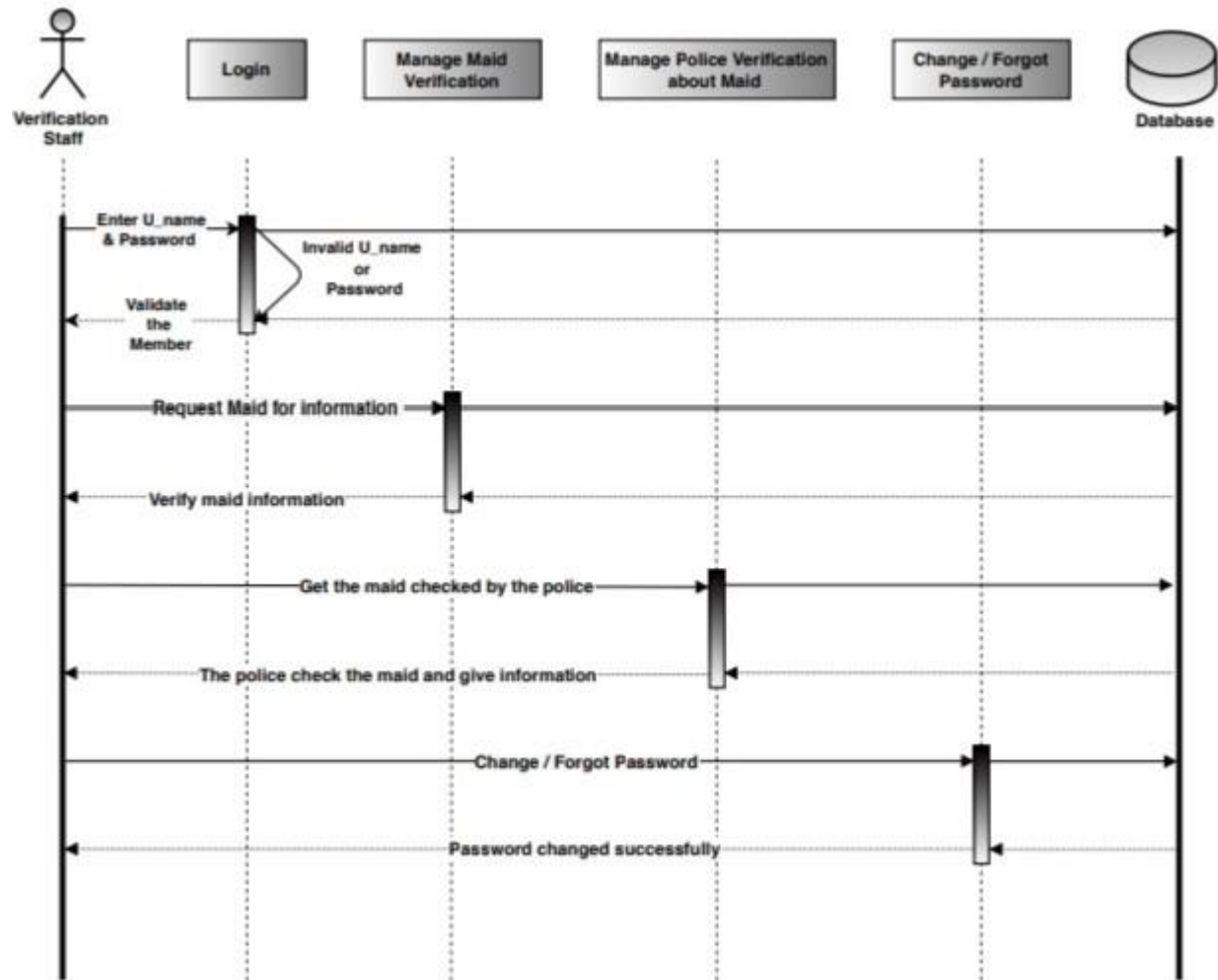
1) ADMIN



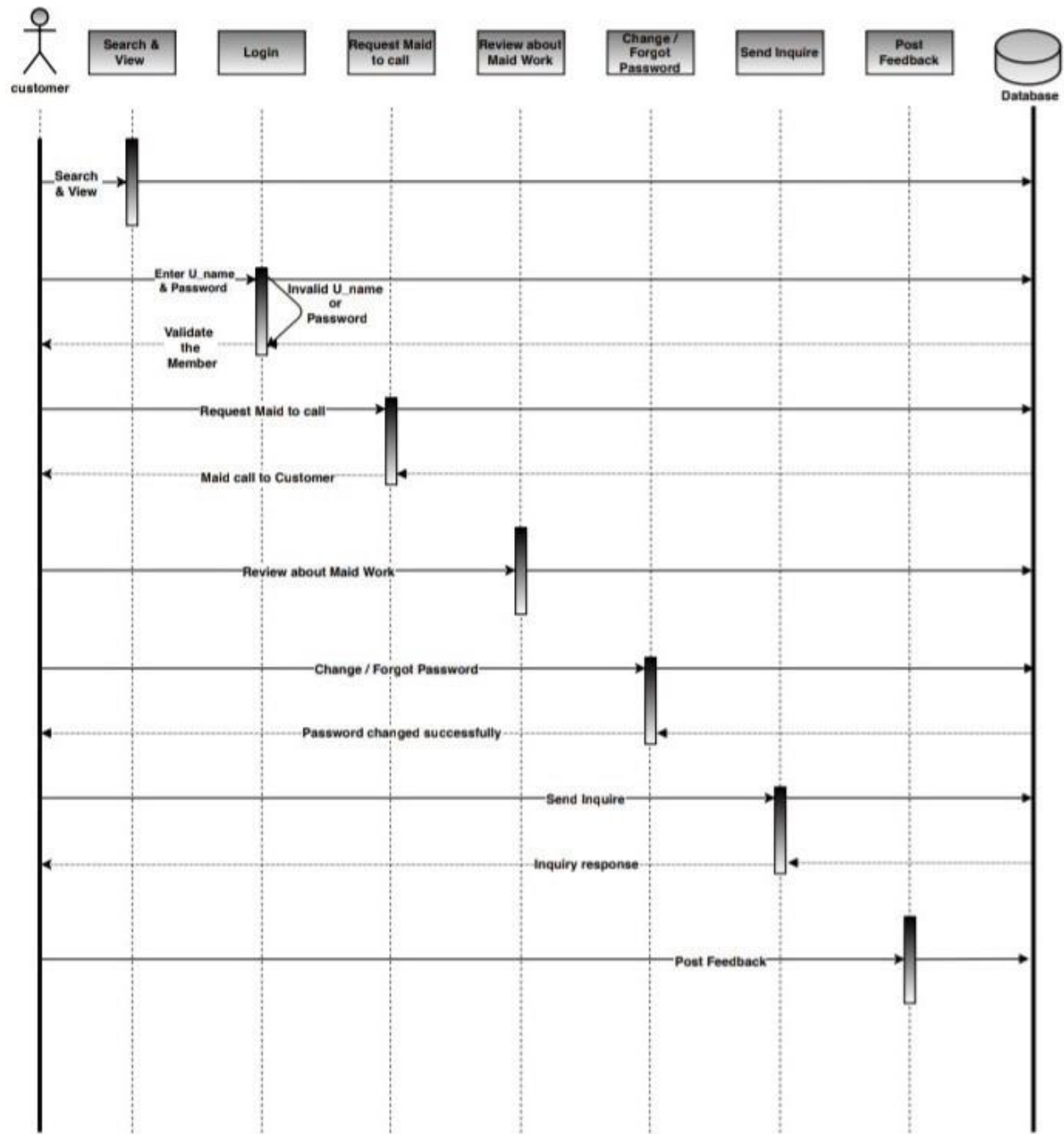
2)MAID



3) VERIFICATION STAFF

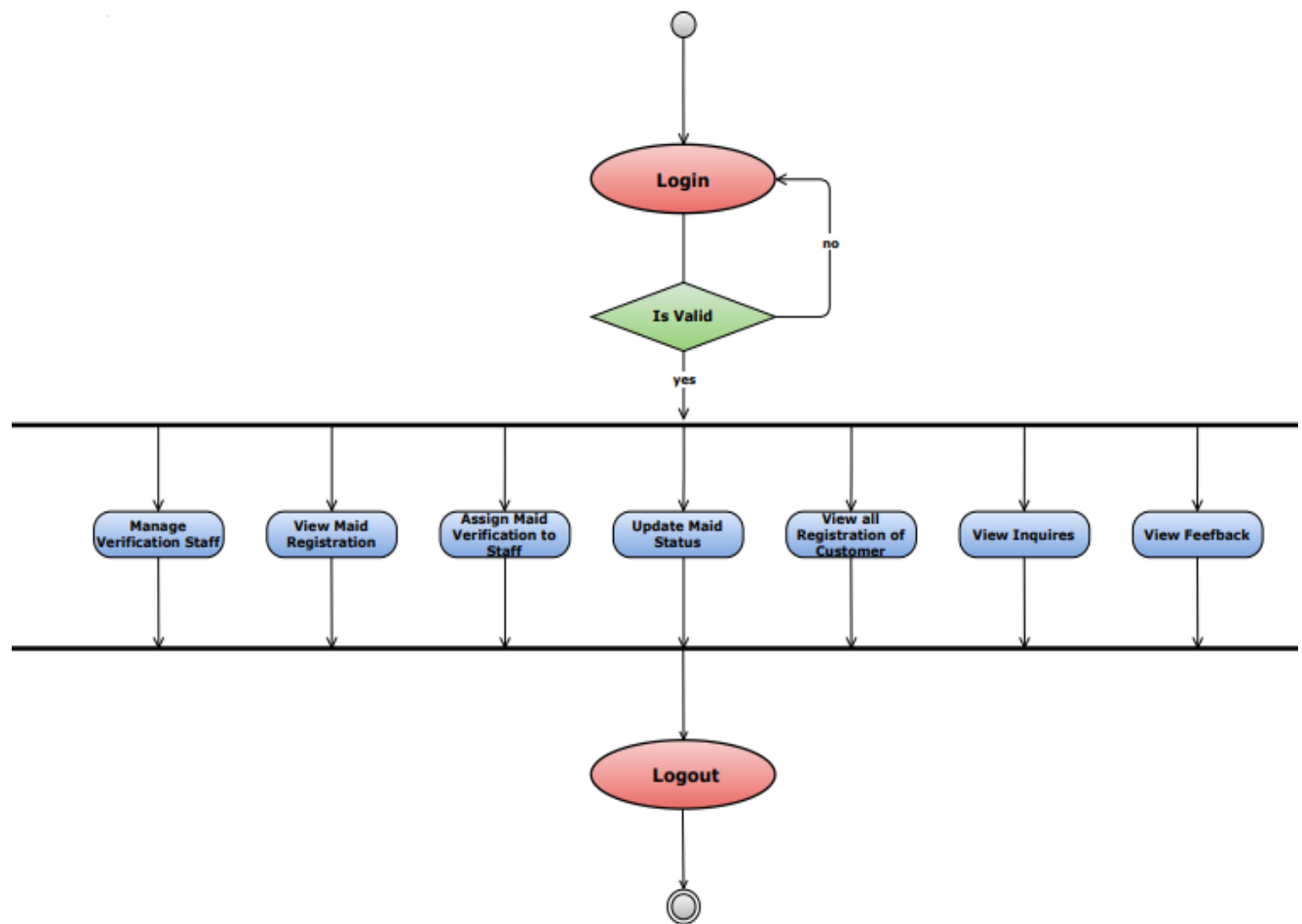


4)CUSTOMER

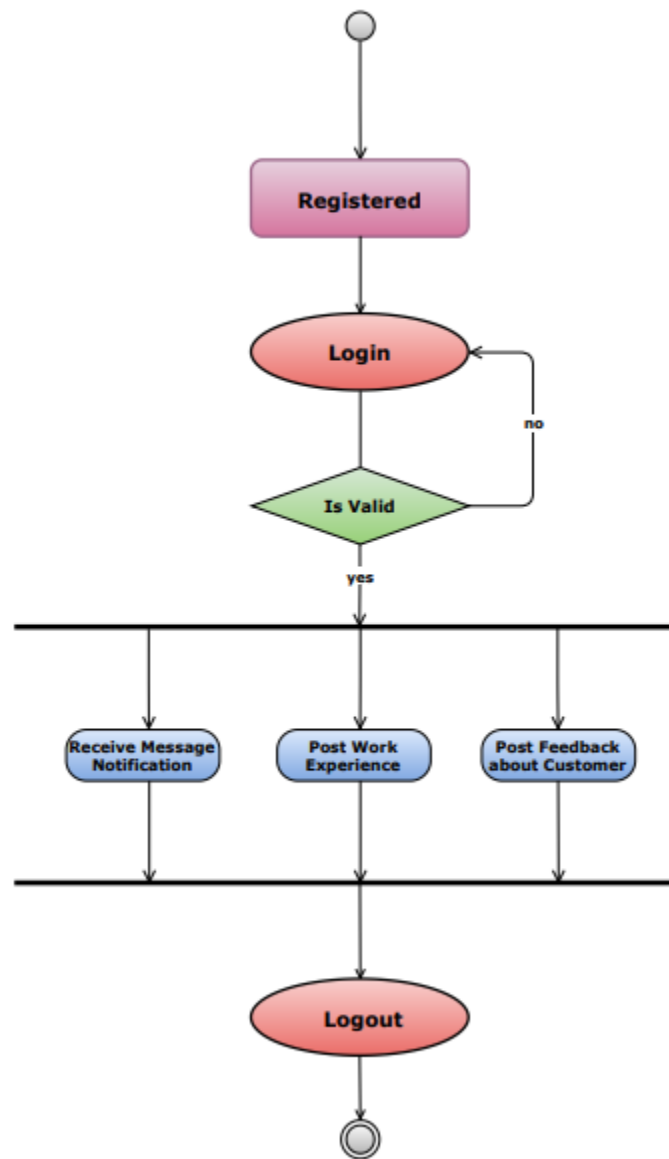


4.3.3 ACTIVITY DIAGRAM

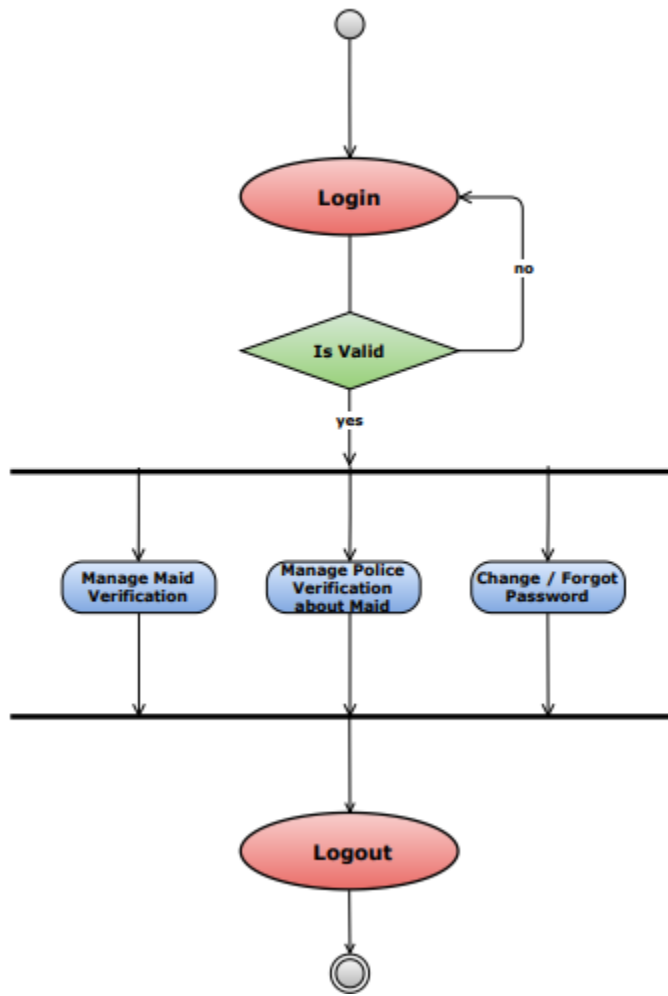
1) ADMIN



2)MAID



3) VERIFICATION STAFF



4)CUSTOMER

