PROJECT REPORT

ON

Online House-help System

BY

Jagdish Tilokani [Roll no – 136, ID – 19CEUEG042]

Bharg Trivedi [Roll no – 137, ID – 19CEUON110]

Janki Vaghasiya [Roll no – 143, ID – 19CEUOS155]

B.Tech (CE) Sem - IV

In the Subject of:

Software Engg. & Practices

Department Of Computer Engineering

Faculty of Technology,

Dharmsinh Desai University, Nadiad.

Table of Contents

1.Abstract

Happiness is a clean home. But people aren't able to receive this happiness either because of busy schedule or physical issues. Finding good reliable house-help has been a headache for most of the people since ages. Also, due to pandemic many people have lost their older jobs as house-helps.

To overcome this situation, we have created a web application "Online House-help System." This application helps you in finding reliable house-help in your area. It also helps in getting jobs for the ones in need. It helps customer as well as helper to complete their respective works hand-in-hand in a hassle free manner.

2.Introduction

2.1 Brief Introduction

Online House-help system is a system which helps a person find house-help in particular area by search option. Customer can customize what kind of work they are looking for and can book house-help accordingly. Customer can later change their preferences of work also.

A person looking for a job can also register themselves as helper by adding all kinds of work he/she can do. They would be given appropriate work in their area when someone asks for it.

2.2 Technologies/tools used:

Technologies:

- Django
- Python
- HTML
- CSS
- JS
- Bootstrap
- MySQL

Tools:

- Visual Studio Code
- XAMPP

3. Software Requirements Specification

R.1 Partner:

R.1.1 Register a partner:
Description: Register a partner agency which also helps people to find house-help.
Input: Partner agency details.
Output: Confirmation message.

R.1.2 Update partner:
Description: Update the information of partner agency.
Input: Identification and password.
Output: Confirmation message.

R.1.3 Remove partner:
Description: Removes a partner agency.
Input: Identification and password.
Output: Confirmation message.

R.2 Helper:

R.2.1 Register a helper:
Description: Details of a new helper are added such as name email, contact number, address, work information like expected salary, amount of hours, etc.
Input: Helper details.
Output: Confirmation message.

R.2.2 Search helper:
Description: Search for a helper according to specified requirements.
Input: User selection
Output: List of helpers shortlisted for specified requirements.

R.2.3 Replace helper:
Description: Replace helper if customer is not satisfied with the work.
Input: Helper details.
Output: Confirmation message (“Successfully registered your complaint. We will contact you soon. Your request

will be accepted if found genuine")

R.2.4 Update helper account:
Description: Updates information about helper.
Input: Identification and password and changes.
Output: Confirmation message.

R.2.5 Blacklist helper:
Description: It will blacklist the helper if they are suspected guilty for wrong work like robbery, etc.
Input: Helper Selection with evident proofs.
Output: Confirmation message.

R.2.6 Delete helper account:
Description: Deletes account of a helper.
Input: Identification and password.
Output: Confirmation.

R.3 Customer:

R.3.1 Register customer:
Description: Add account for a new customer.
Input: Information like name, email, address, etc.
Output: Confirmation message.

R.3.2 Update customer account:
Description: Updates a customer information.
Input: Identification, password and changes.
Output: Confirmation message.

R.3.3 Delete customer account:
Description: Deletes account of a customer.
Input: Identification and password.
Output: Confirmation message.

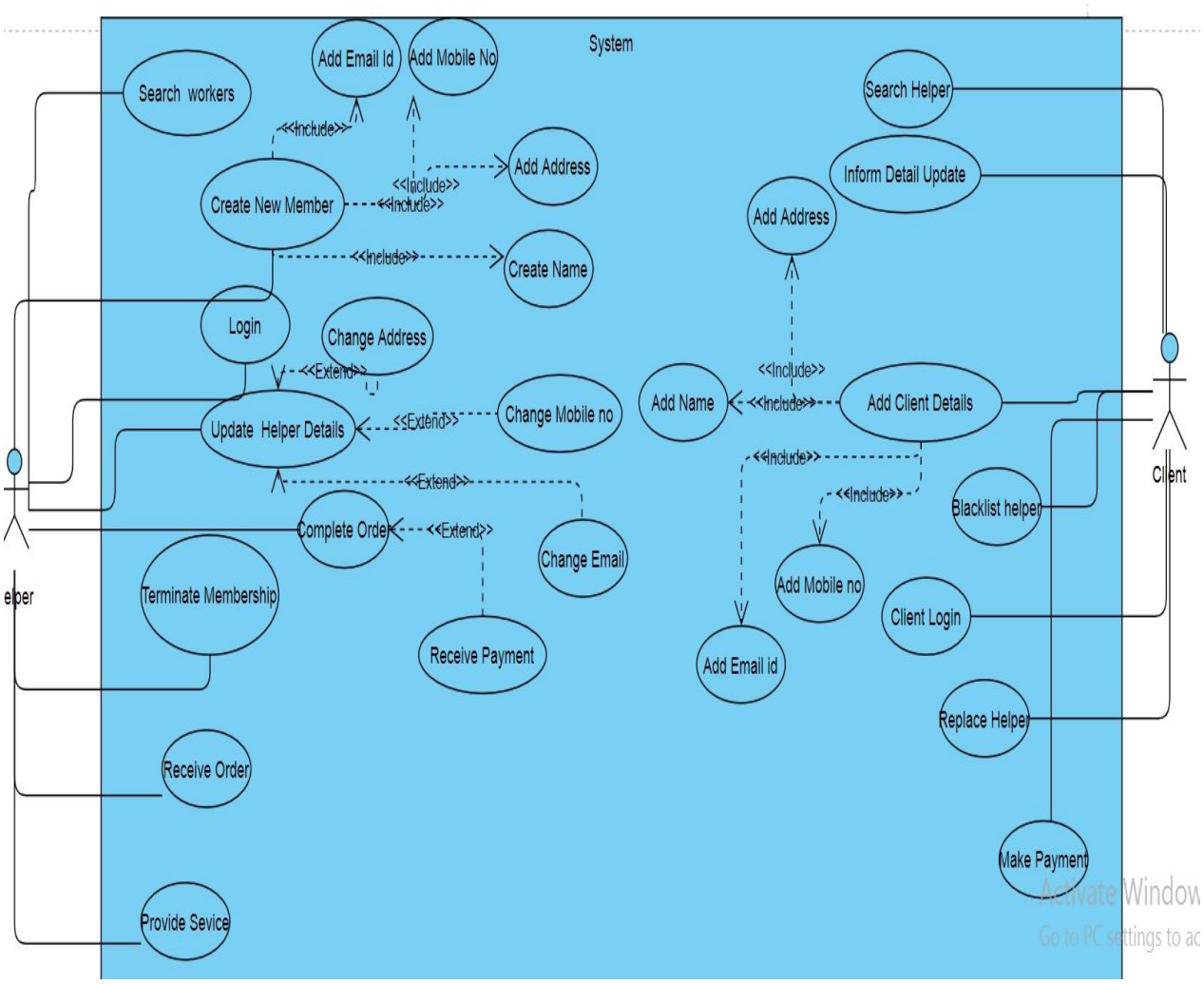
R.4 Payment

R.4.1 Select payment method:
Description: A method for payment is selected.
Input: selection.
Output: shows selected option.

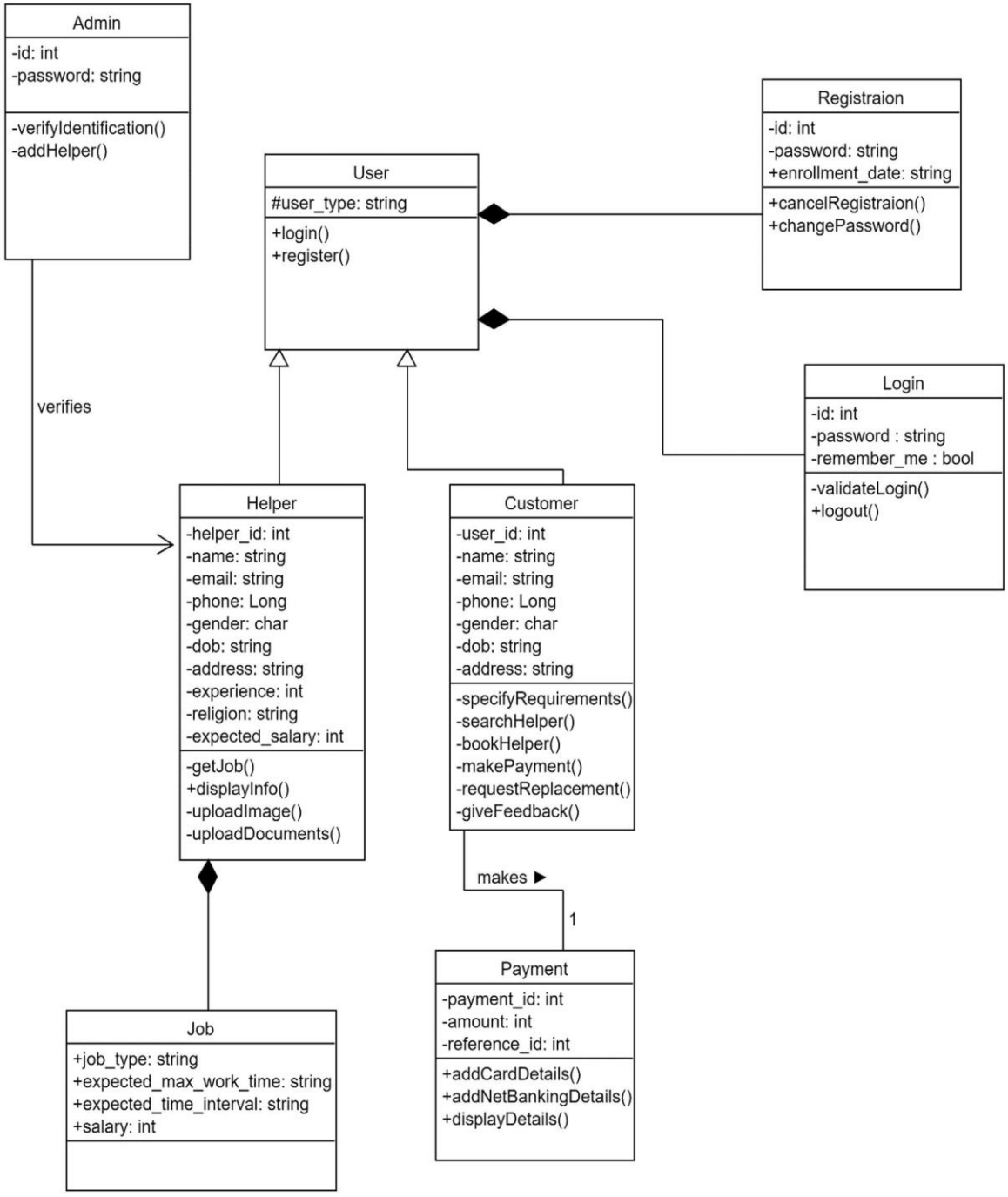
R.4.2 Make payment:
Description: Payment is completed.
Input: OTP or password according to selected method.
Output: Confirmation message

4. Design Documents

4.1 Use Case Diagram

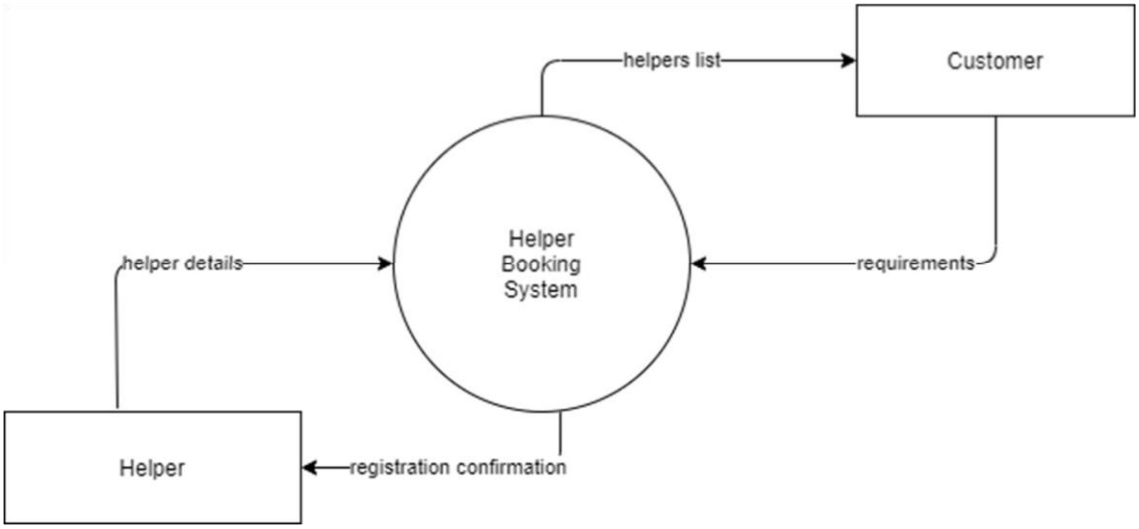


4.2 Class Diagram

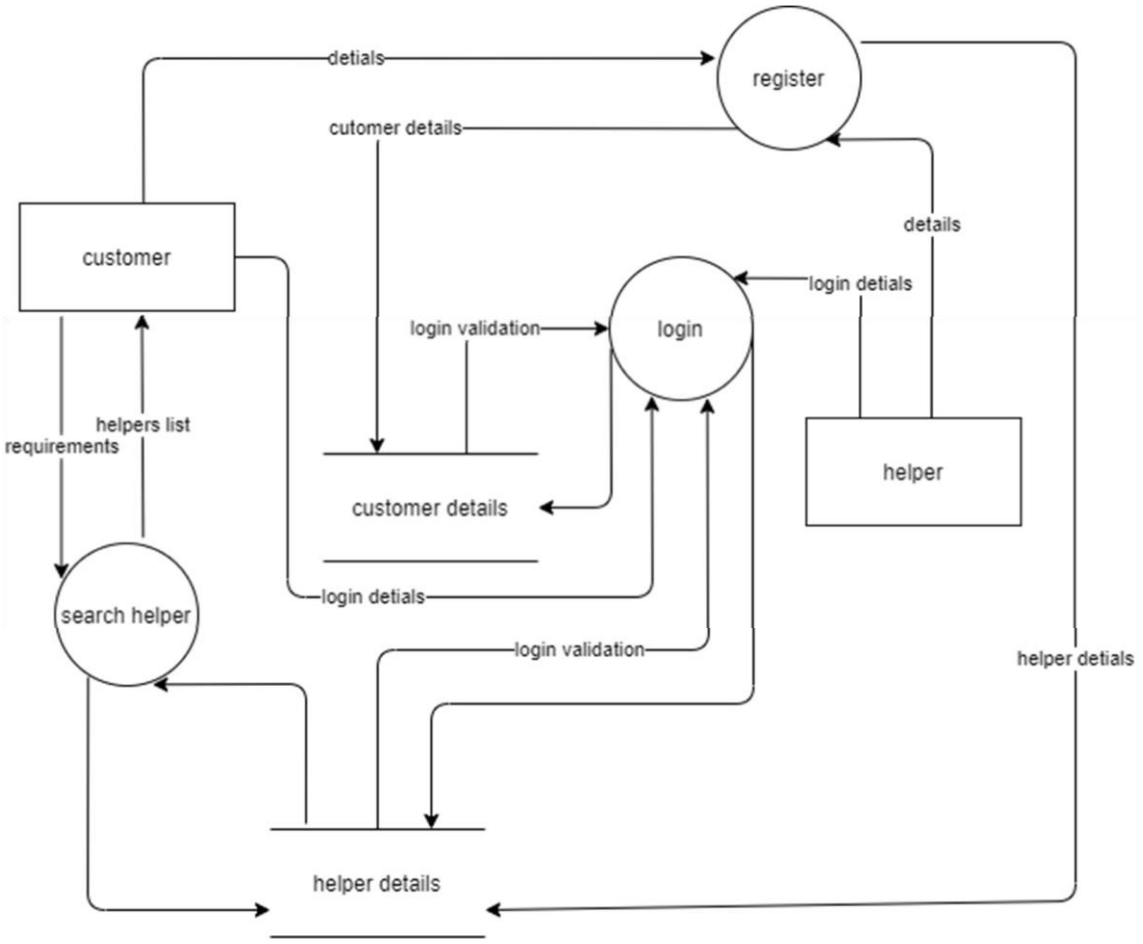


4.3 DFD Model

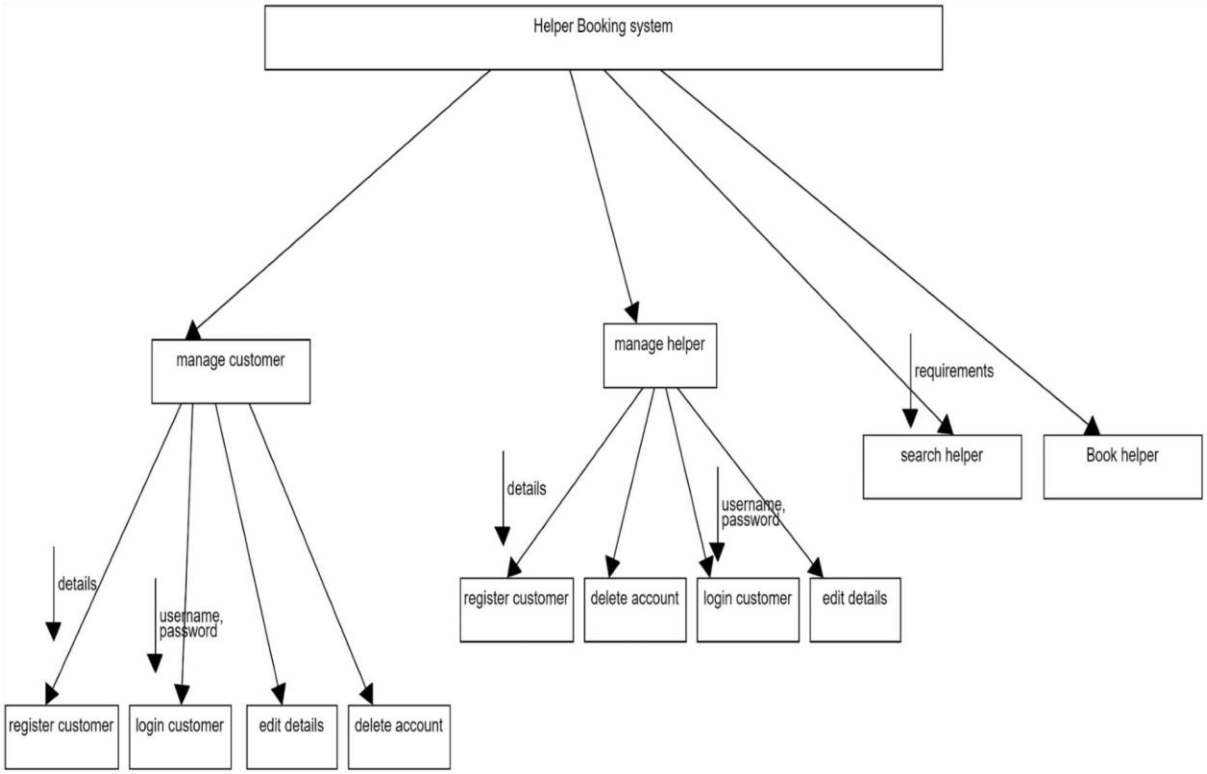
Level 0:



Level 1:

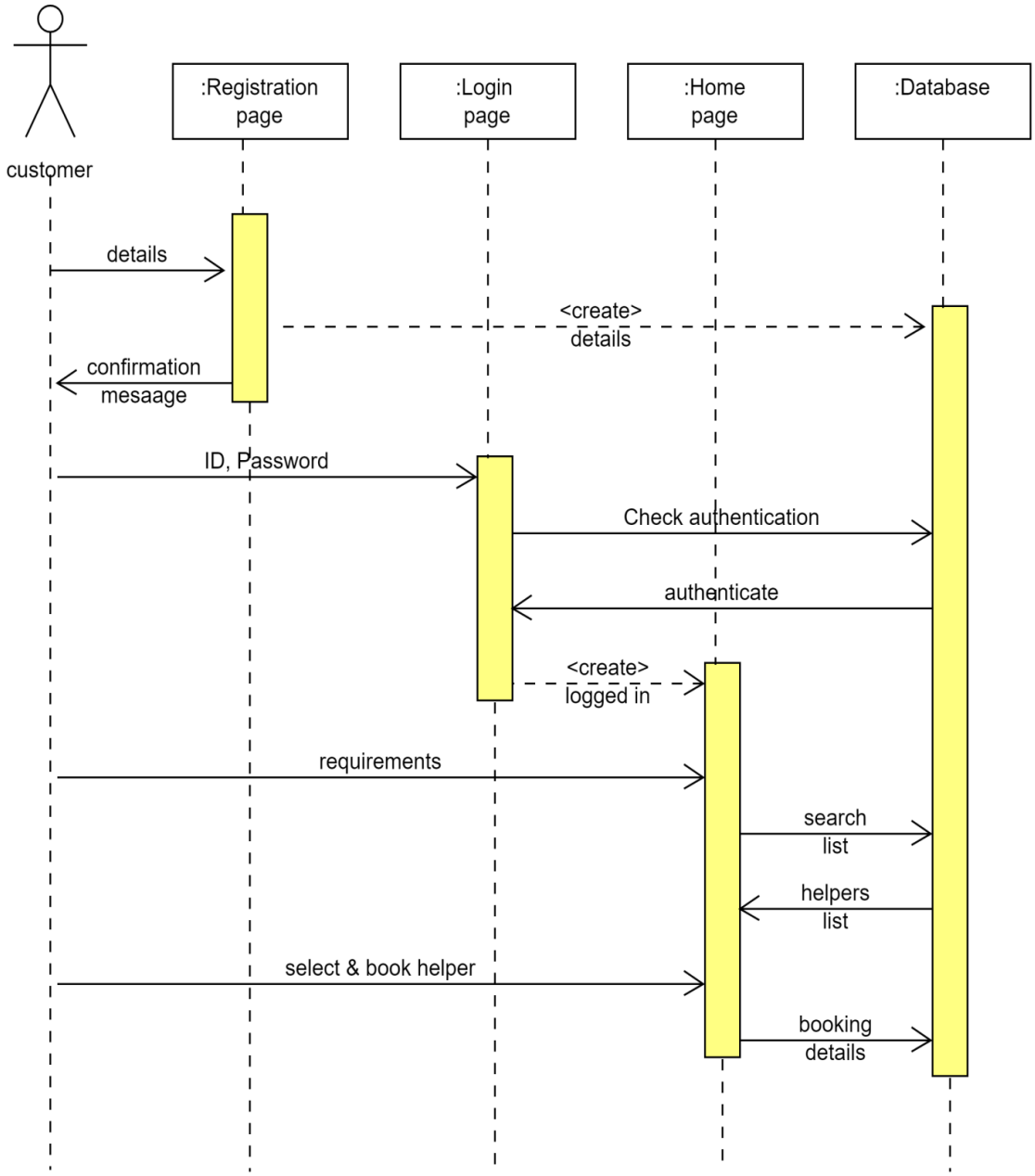

detials
register
cutomer details
details
customer
login detials
login validation
login
helpers list
requirements
helper
customer details
search helper
login detials
login validation
helper detials
helper details

4.4 Structure Diagram

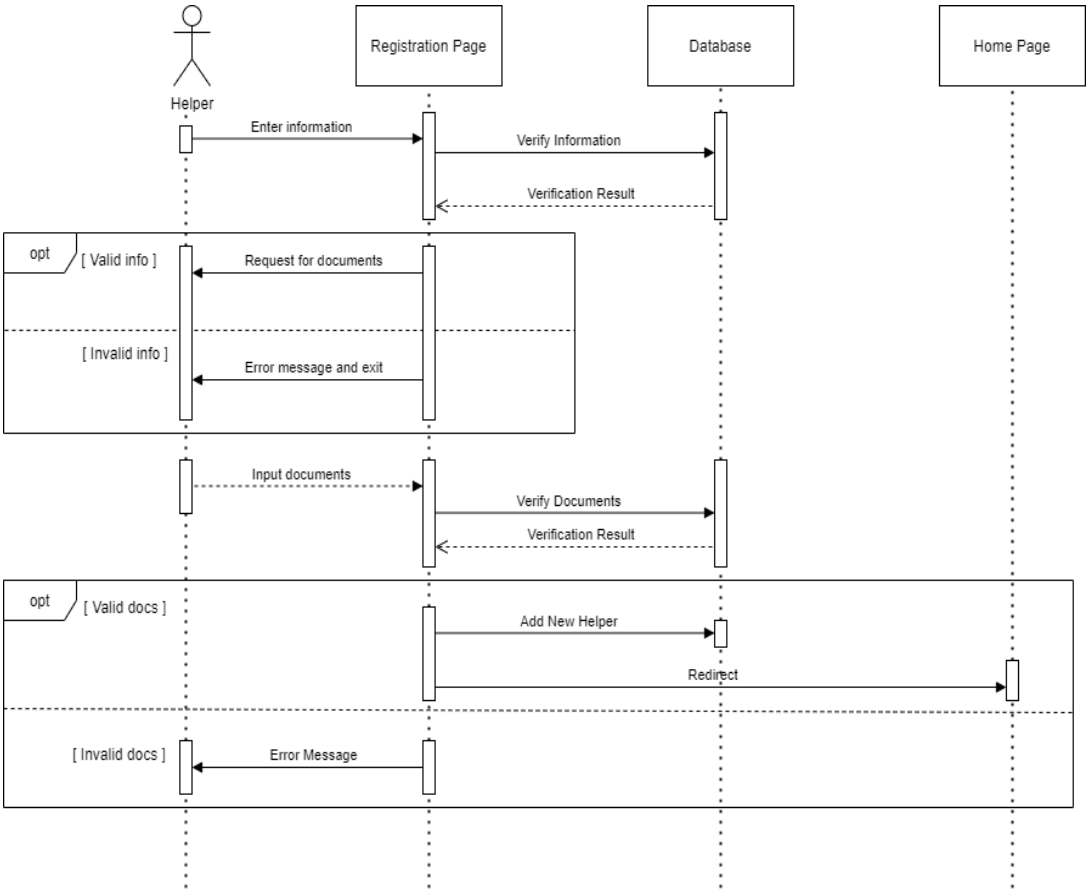


4.5 Sequence Diagram

4.5.1 Sequence diagram of Customer

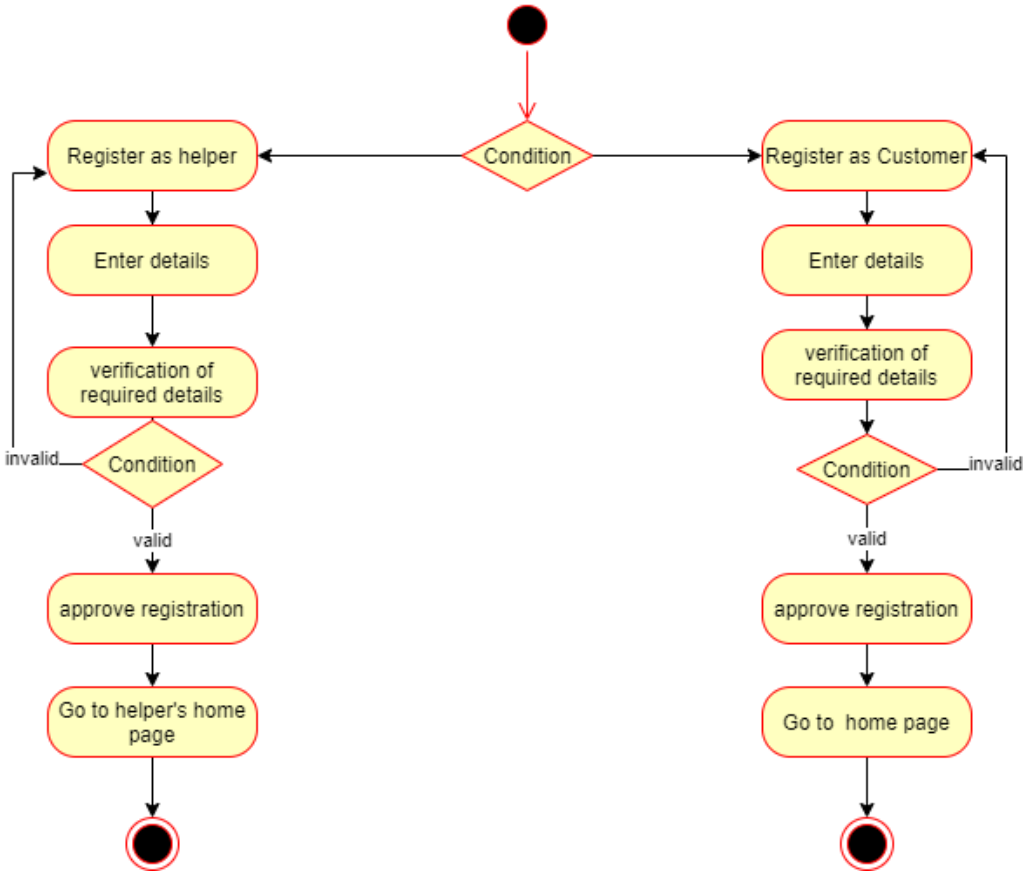


4.5.2 Sequence diagram of helper

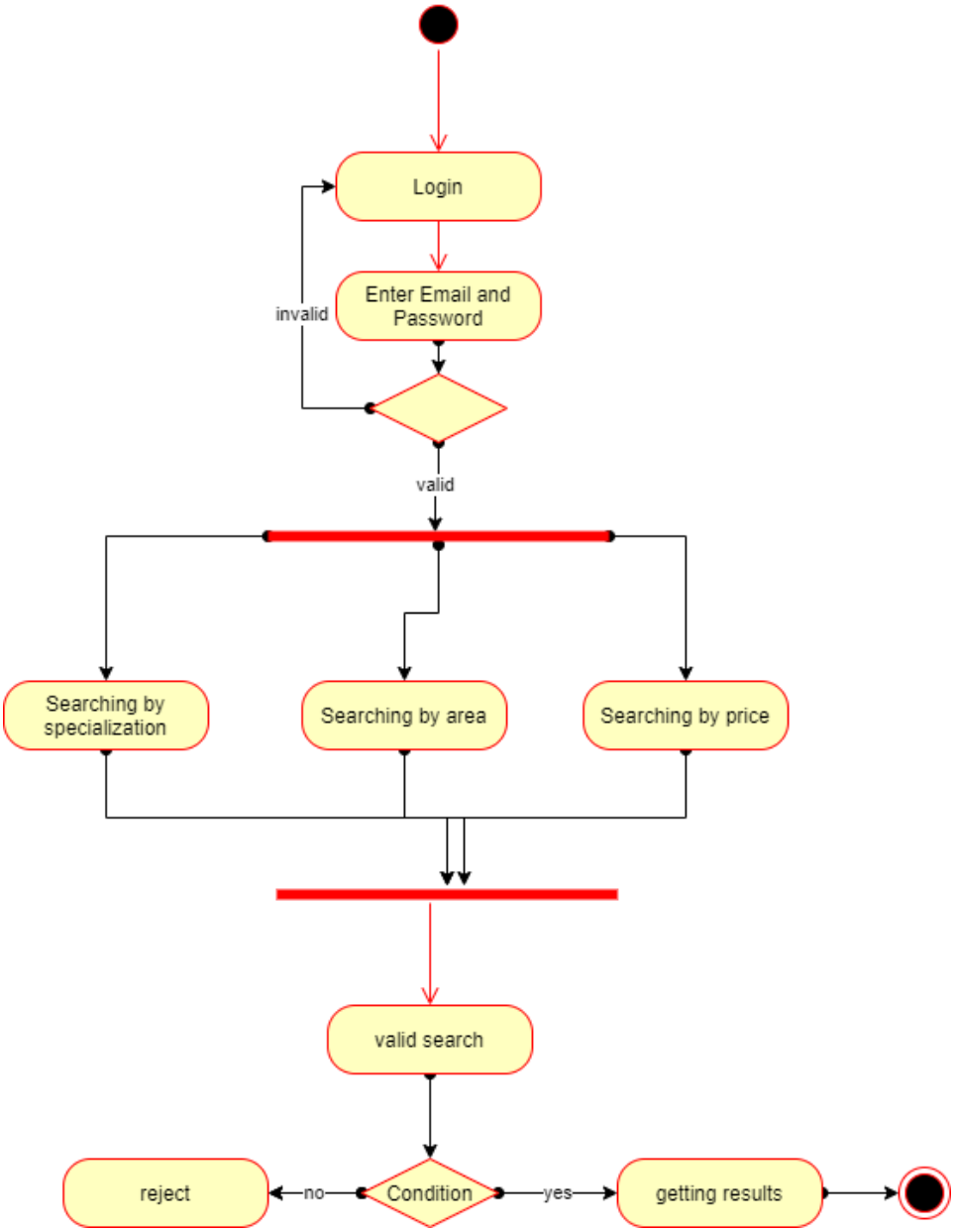


4.6 Activity Diagram

4.6.1 Activity diagram for registration



4.6.2 Activity diagram for login and search



5. Implementation details

- **Modules:**

A) Customer

- Customer are able to register and login. They can update their details as well as delete the account.

B) Helper

- Helper can register by selecting customised work.

C) Partner

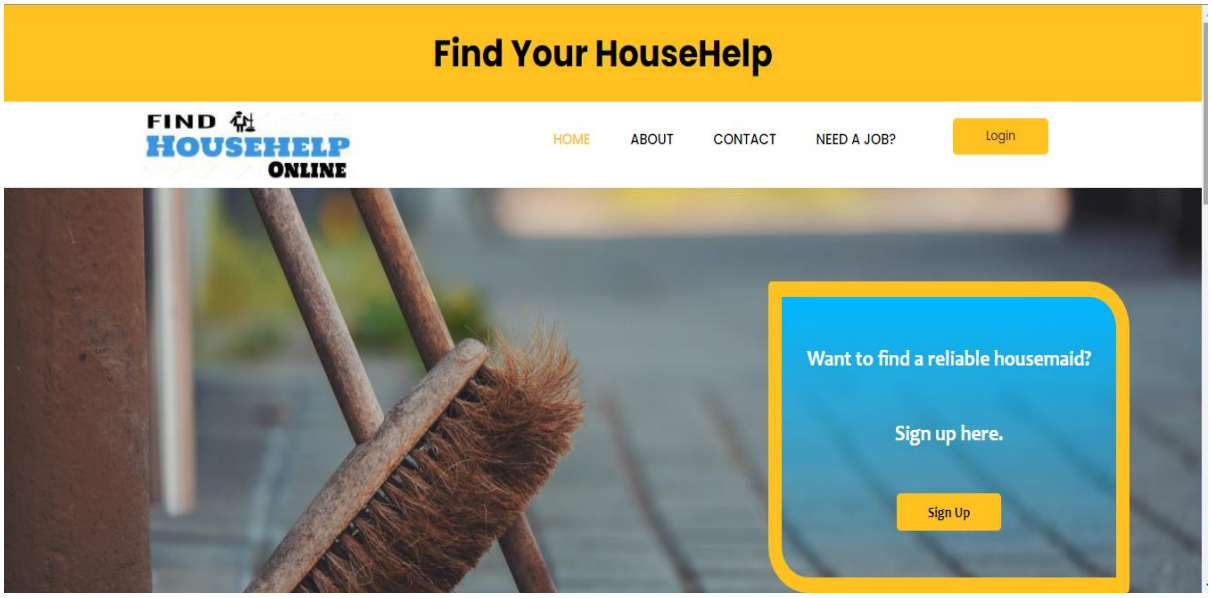
- Partner can collaborate with the company in registering more helpers

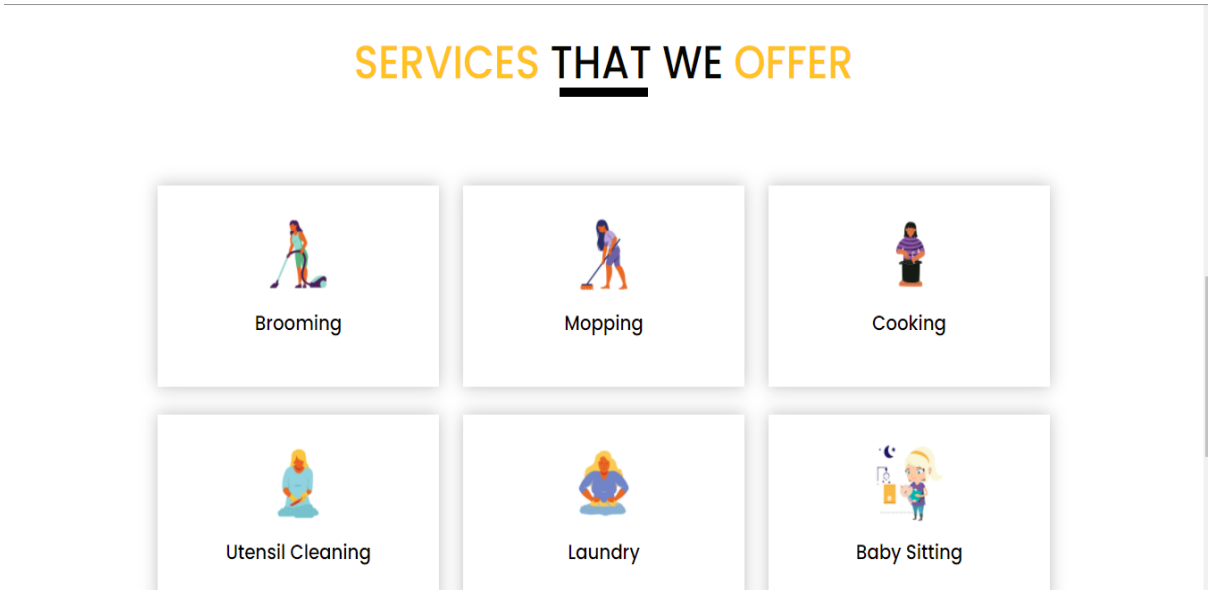
D) Payment

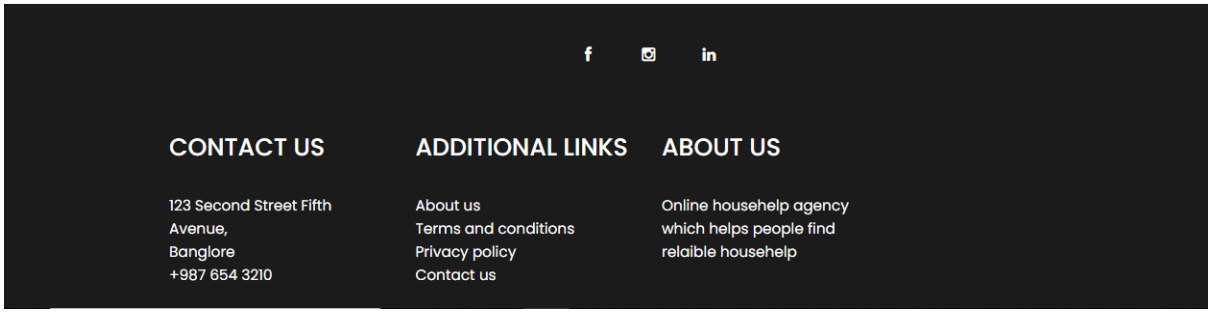
- Customers would have to do one-time payment to the company through net banking or UPI.

6. Screenshots

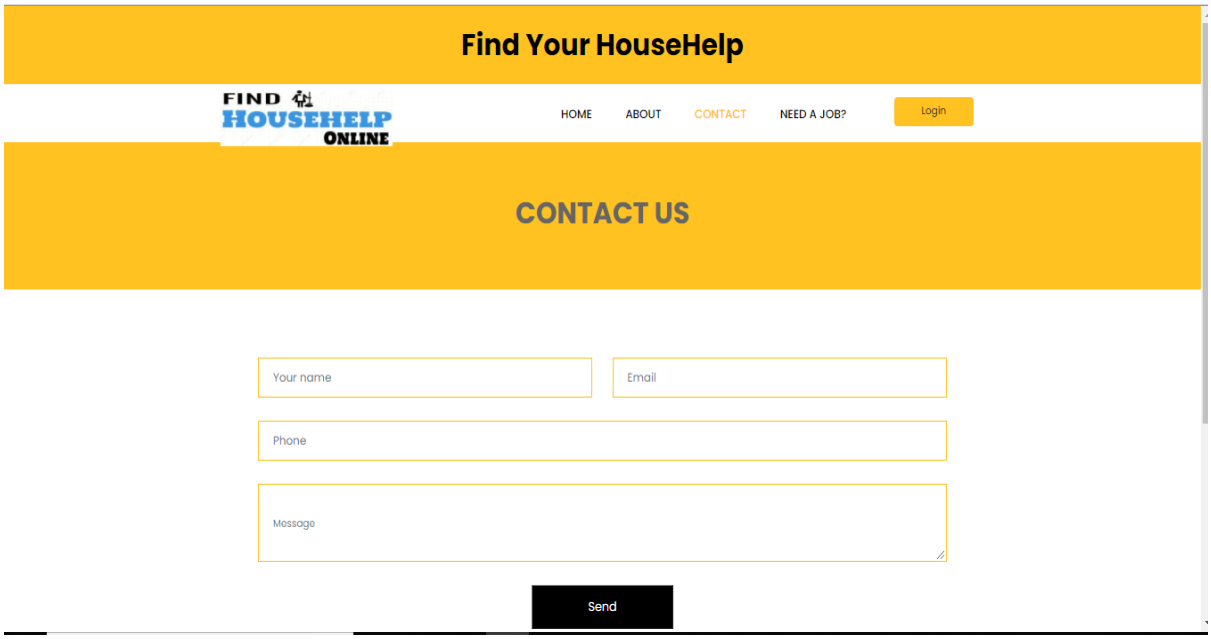
Home -



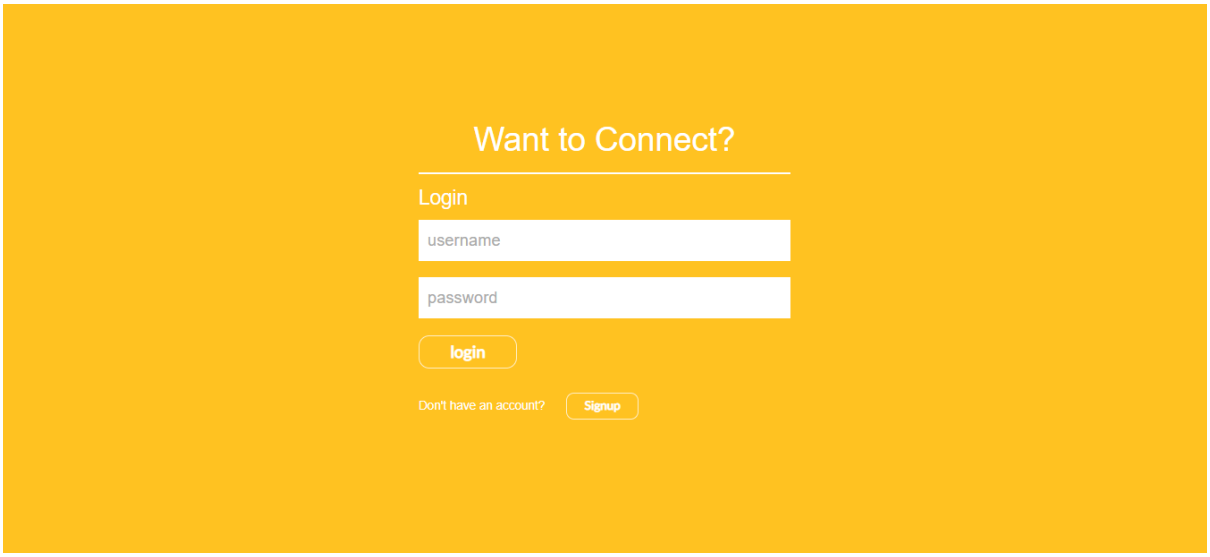



CONTACT US
123 Second Street Fifth Avenue,
Banglore
+987 654 3210
ADDITIONAL LINKS
About us
Terms and conditions
Privacy policy
Contact us
ABOUT US
Online househelp agency which helps people find relaible househelp

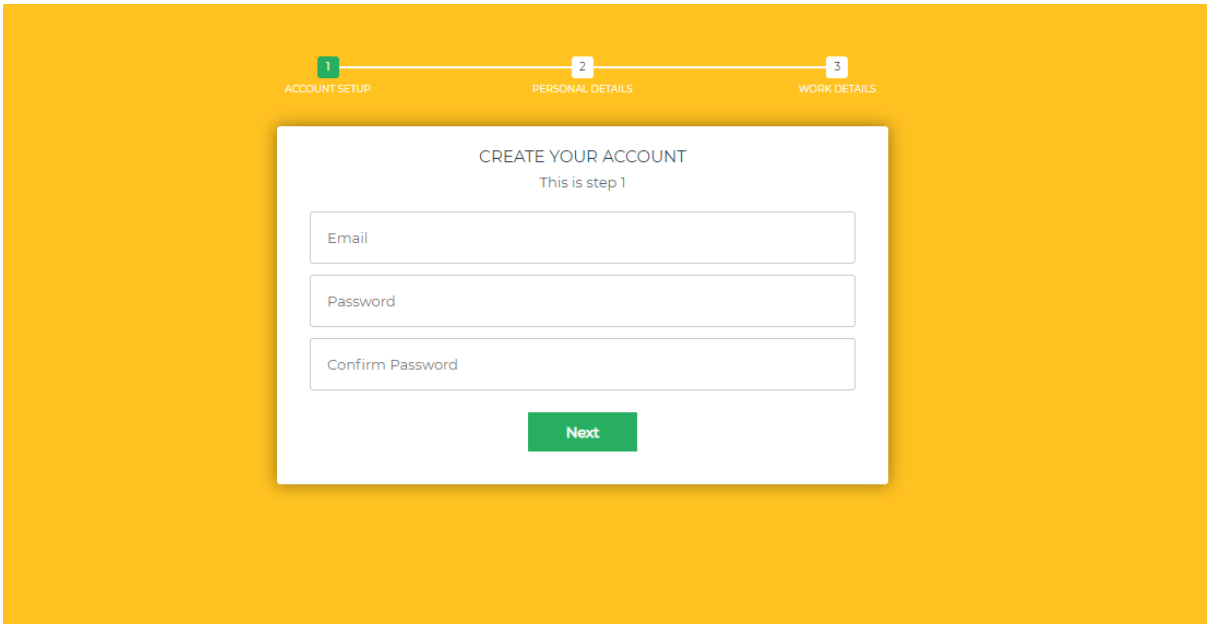
Contact -

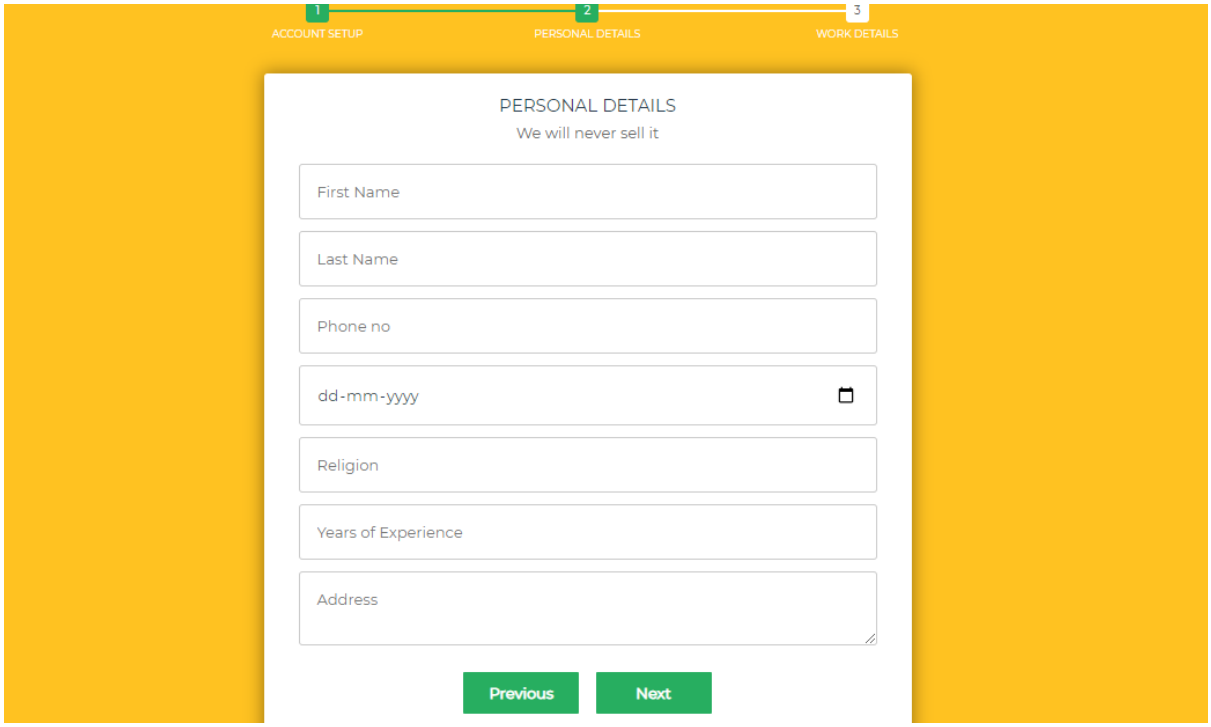

Find Your HouseHelp
FIND HOUSEHELP ONLINE
HOME
ABOUT
CONTACT
NEED A JOB?
Login
CONTACT US
Your name
Email
Phone
Message
Send

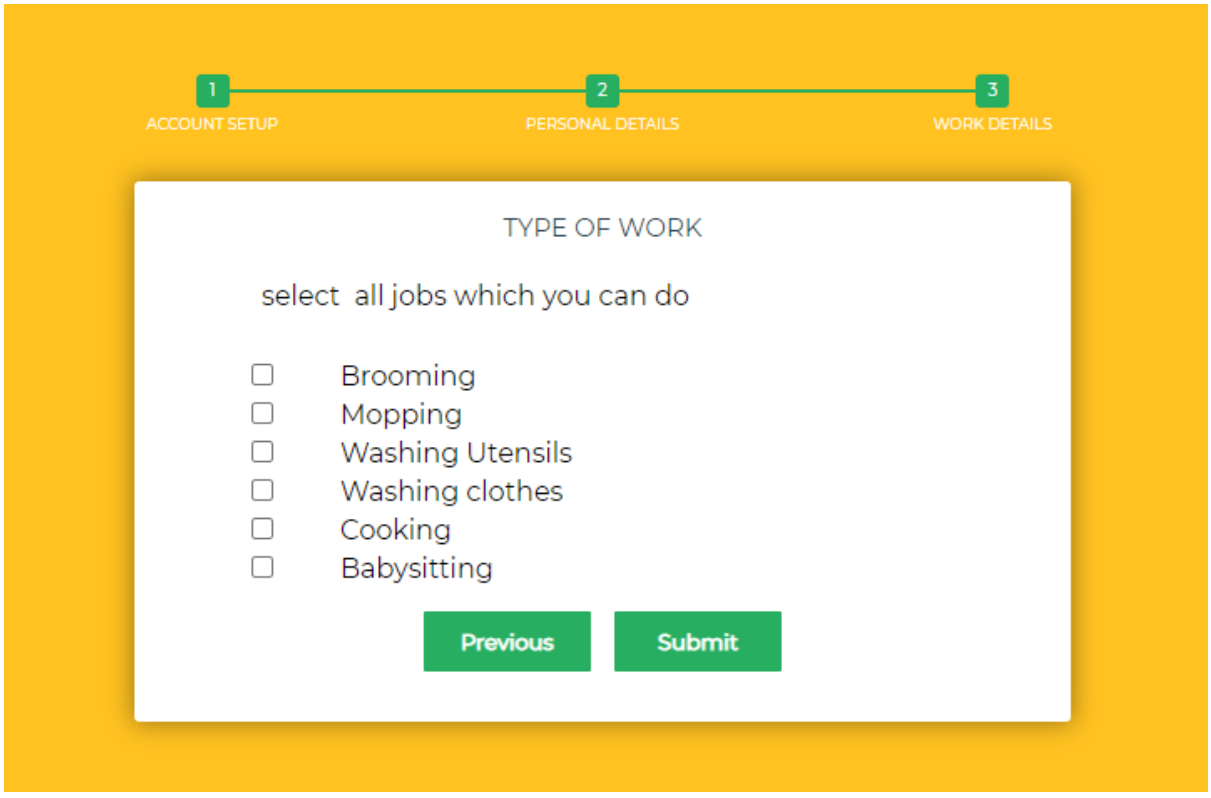
Login –



Registration –




1
ACCOUNT SETUP
2
PERSONAL DETAILS
3
WORK DETAILS
PERSONAL DETAILS
We will never sell it
First Name
Last Name
Phone no
dd-mm-yyyy
Religion
Years of Experience
Address
Previous
Next


1
ACCOUNT SETUP
2
PERSONAL DETAILS
3
WORK DETAILS
TYPE OF WORK
select all jobs which you can do
Brooming
Mopping
Washing Utensils
Washing clothes
Cooking
Babysitting
Previous
Submit

7. Conclusion

Main functionalities of this system are:

- Registration of customer
- Registration of helper
- Login of customer
- Login of helper
- Search helper

8. Limitations and future extensions

- Profile page of helper and customer
- Search by area
- Payment

9. Bibliography

https://docs.djangoproject.com/en/3.1/
https://youtu.be/SIyxjRJ8VNY
https://stackoverflow.com/