



SHIV NADAR UNIVERSITY CHENNAI

MINI PROJECT 2022

HOTEL MANAGEMENT SYSTEM

TEAM MEMBERS

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Owner:

- Can add a New Manager.
- Can View All person's Name & No. of Allotted Rooms.
- Can view Total Amount of Allotted Rooms.
- Can Send Message to Manager & Receive all Messages from Manager.
- Can Change Password of His Account.
- Can logout.

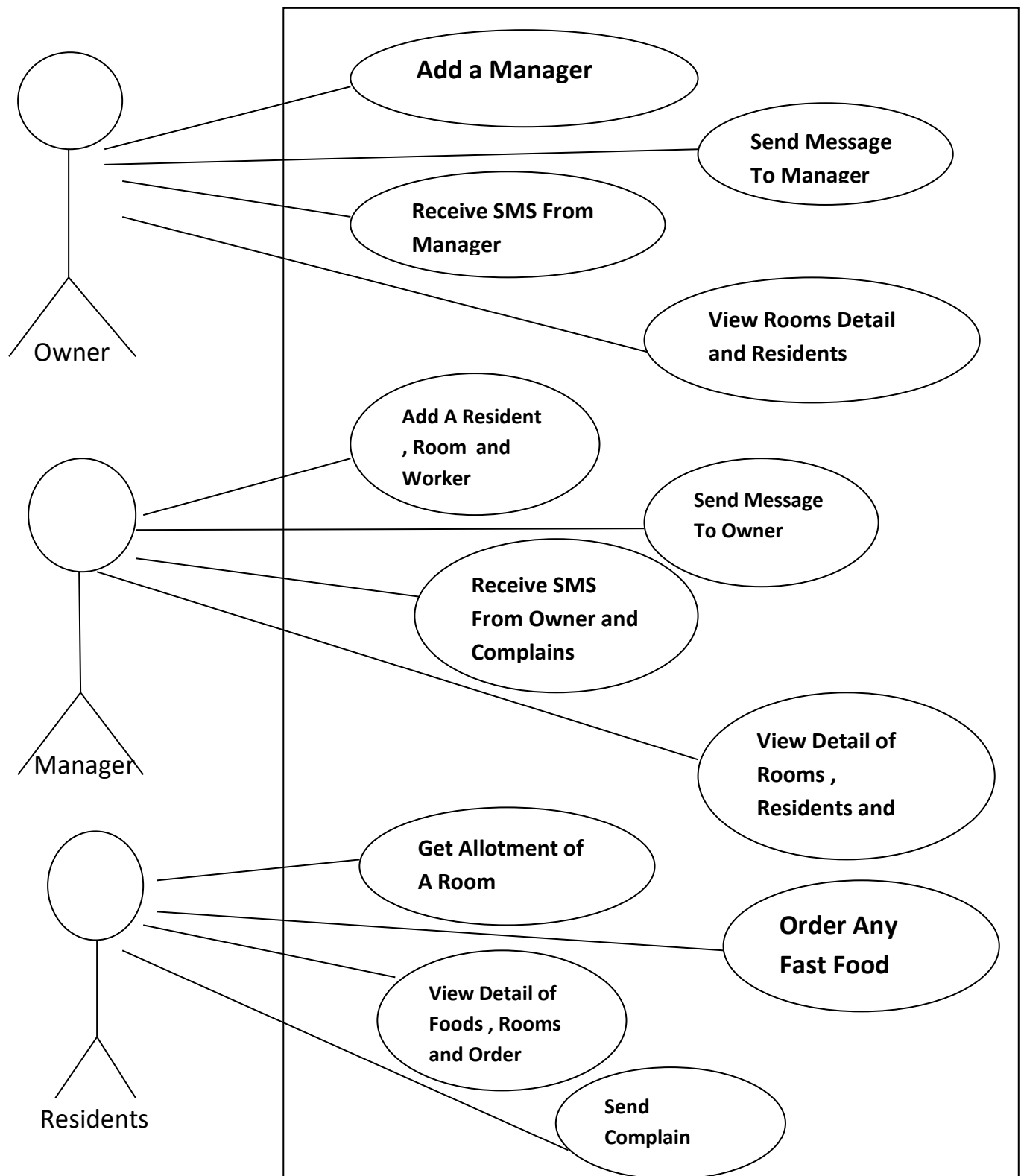
Manager:

- Can add a New Person.
- Can View All person's Name & No. of Allotted Rooms.
- Can view Total Amount of Allotted Rooms.
- Can Send Message to Owner & Receive all Messages from Owner.
- Can change Price of Room.
- Can add Any Fast Food.
- Can view Fast Food List
- Can Add A Worker.
- Can Add a Room
- Can receives All complains from all person.
- Can View Detail of All Workers.
- Can delete Resident , Room , Fast Food and Worker
- Can change password of his Account.
- Can logout.

Resident:

- Can get Allotment of Room.
- Can order Any Fast Food.
- Can view Fast Food List in Descending order.
- Can Send any Complain to Manger.
- Can view All Ordered Fast Foods
- Can View About Hostel.
- Can change password of his Account.
- Can logout

Case Model:



Web Service Detail:

@app.route("/")

mainLoginPage.html

Owner Pages

@app.route("/loginowner")

Owner/loginOwner.html

@app.route("/ownerhome")

Owner/owner.html

@app.route("/createAccountManager")

Owner/registerManager.html

@app.route("/sendMessage")

Owner/sendMessageToManager.html

@app.route("/recieveMessage")

Owner/recieveMessageOwner.html

@app.route("/residentsDetail")

Owner/residentDetail.html

@app.route("/workersDetail")

Owner/workersDetail.html

@app.route("/room")

Owner/roomsDetail.html

```
@app.route("/sendMessageByOwner", methods=['POST', 'GET'])
```

Owner/sendMessageToManager.html

```
@app.route("/owner", methods=['POST', 'GET'])
```

Owner/owner.html

or

Owner/loginOwner.html

```
@app.route("/profileowner")
```

Owner/profileOwner.html

```
@app.route("/profilemanagerOwner")
```

Owner/profileManager.html

```
@app.route("/signupmanager", methods=['POST', 'GET'])
```

Owner/owner.html

```
@app.route("/registerMyOwner")
```

Owner/registerOwner.html

```
@app.route("/myregisterOwner", methods=['POST', 'GET'])
```

Owner/loginOwner.html"

```
@app.route("/forgotpinowner")
```

Owner/forgotpinowner.html

```
@app.route("/changepasswordowner")
```

Owner/changeownerpin.html

```
@app.route("/changePinMyOwner", methods=['POST', 'GET'])
```

```
    Owner/owner.html
```

Or:

```
    Owner/changeownerpin.html
```

```
@app.route("/forgotPinOwner", methods=['POST', 'GET'])
```

```
    Owner/loginOwner.html
```

or:

```
    Owner/forgotpinowner.html
```

Manager Pages

```
@app.route("/profilemanager")
```

```
    Manager/profileManager.html
```

```
@app.route("/loginmanager")
```

```
    Manager/loginManager.html
```

```
@app.route("/managerhome")
```

```
    Manager/manager.html
```

```
@app.route("/sendMessageManager")
```

```
    Manager/sendMessageToOwner.html
```

```
@app.route("/recieveMessageManager")
```

```
    Manager/recieveMessageManager.html
```

```
@app.route("/createAccountresident")
```

```
    Manager/registerResident.html
```

```
@app.route("/registerResident", methods=['POST', 'GET'])
```

```
    Manager/manager.html
```

```
@app.route("/addWorker")
```

```
    Manager/WorkerAdd.html
```

```
@app.route("/addFood")
```

```
    Manager/foodAdd.html
```

```
@app.route("/residents")
```

```
    Manager/residentDetail.html
```

```
@app.route("/workers")
```

```
    Manager/workersDetail.html
```

```
@app.route("/Rooms")
```

```
    Manager/roomsDetail.html
```

```
@app.route("/foods")
```

```
    Manager/foodDetail.html
```

```
@app.route("/deleteResident", methods=['POST', 'GET'])
```

```
    Manager/residentDetail.html
```

```
@app.route("/deleteWorker", methods=['POST', 'GET'])
```

```
    Manager/workersDetail.html
```

```
@app.route("/deleteRoom", methods=['POST', 'GET'])
```

```
    Manager/roomsDetail.html
```

```
@app.route("/deleteFood", methods=['POST', 'GET'])
```

```
    Manager/foodDetail.html
```

```
@app.route("/complains")
```


def Mycomplains():

 Manager/recievedComplains.html

@app.route("/addworker", methods=['POST', 'GET'])

 Manager/manager.html

@app.route("/manager", methods=['POST', 'GET'])

 Manager/manager.html

or:

 Manager/loginManager.html

@app.route("/sendMessageByManager", methods=['POST', 'GET'])

 Manager/sendMessageToManager.html

@app.route("/addFastFood", methods=['POST', 'GET'])

 Manager/foodDetail.html

@app.route("/changepasswordmanager")

 Manager/changemanagerpin.html

@app.route("/forgotmanagerpin")

 Manager/forgotpinmanager.html

@app.route("/changePinMyManager", methods=['POST', 'GET'])

 Manager/manager.html

or:

 Manager/changemanagerpin.html

@app.route("/frogotPinManager", methods=['POST', 'GET'])

 Manager/loginManager.html

or:

Manager/forgotpinmanager.html

@app.route("/changenRoom")

Manager/Rooms.html

@app.route("/addanewmyRoom", methods=['POST', 'GET'])

Manager/roomsDetail.html

Login Resident

@app.route("/login")

Resident/loginResident.html

@app.route("/profileresident")

Resident/profileResident.html

@app.route("/resident")

Resident/resident.html

@app.route("/getRoom")

Resident/allotmentofRoom.html

@app.route("/orderfood")

Resident/orderFood.html

@app.route("/orderfooddetail")

Resident/orderedfoods.html

@app.route("/foodDetail")

Resident/foodDetails.html

@app.route("/sendComplains")

Resident/sendComplains.html

```
@app.route("/sendComplain", methods=['POST', 'GET'])
```

```
    Resident/sendComplains.html
```

```
@app.route("/success", methods=['POST', 'GET'])
```

```
    Resident/resident.html
```

Or:

```
    Resident/loginResident.html
```

```
@app.route("/forgotpinresident")
```

```
    Resident/changeresidentpin.html
```

```
@app.route("/changePinresident")
```

```
    Resident/forgot-pin-resident.html
```

```
@app.route("/changePinMyResident", methods=['POST', 'GET'])
```

```
    Resident/resident.html
```

or:

```
    Resident/changeresidentpin.html
```

```
@app.route("/frogotPinResident", methods=['POST', 'GET'])
```

```
    Resident/loginResident.html
```

or:

```
    Resident/forgot-pin-resident.html
```

```
@app.route("/getnewRoom", methods=['POST', 'GET'])
```

```
    Resident/resident.html
```

or:

Resident/allotmentofRoom.html

@app.route("/orderfoodnow", methods=['POST', 'GET'])

Resident/orderedfoods.html

or:

Resident/orderFood.html

Test Cases:

Login Forms:

- Invalid Email & Password Cannot be Enter into Main Pages (Positive)
- Verify proper style of input email (Positive)
- Empty Input cannot be Send Data into Backend (Positive)
- Forgot Password Working Well (Positive)

Owner Page:

- Add Manager Check Proper Email , Password , First and Last Name (Positive)
- Verify Email before changing Password (Positive)

Manager Page:

- Add Worker and Resident Check Proper Email , Password , First and Last Name (Positive)
- Verify Email before changing Password (Positive)
- Can Delete Any Resident or Worker (Positive)

Resident Page:

- Send Message check Input is Empty or Not (Positive)
- Verify Email before changing Password (Positive)

- For Allotment and Order Food Check Email And Password before that (Positive)
- For Allotment check already Have Room or Not (Positive)