Innovatex -> Event Bloom Online Event Application

Documentation

Team Members->

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- Adyatha

Problem Statement-> Developing an online event website. HTML, CSS JavaScript, Java, JDBC and MySql.

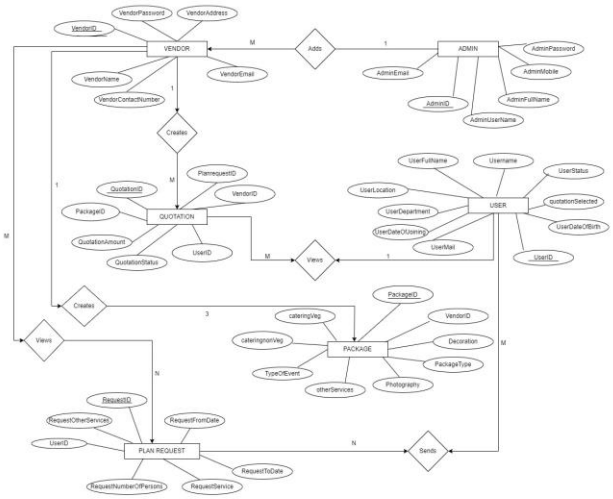
Tools used-> HTML, CSS JavaScript, Java, JDBC and MySql.

Workflow-> As middle layer was not required, we divided the project into two parts-> Frontend and Backend.

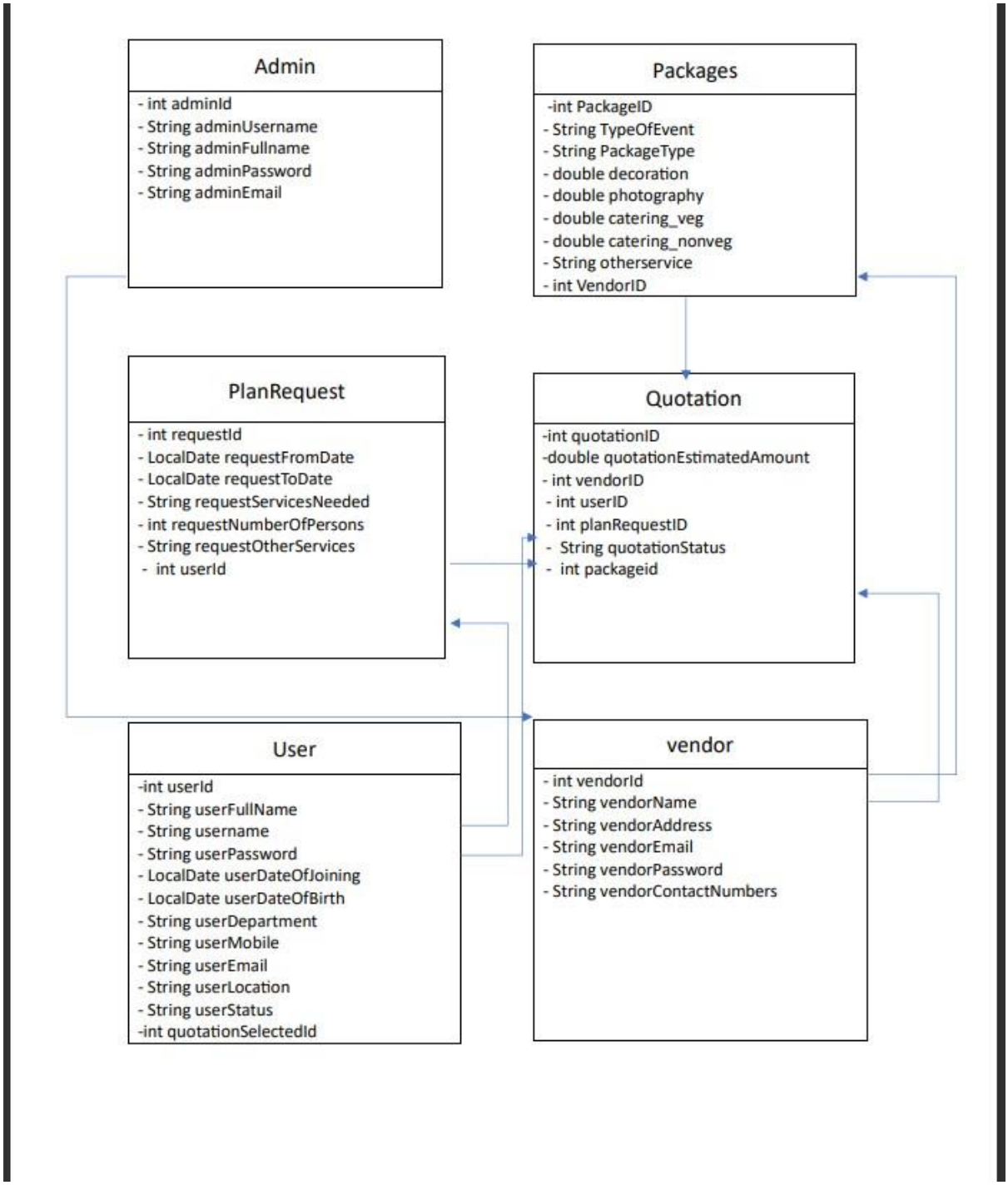
Frontend part is made using HTML, CSS and JavaScript. Dummy data was used to test the frontend part.

Backend Part is made using Java, JDBC and MySql. To test it, we created a main method in java(basically UI) using layered architecture and factory pattern

ER DIAGRAM


VendorPassword
VendorAddress
VendorID
VENDOR
M
Adds
1
ADMIN
AdminPassword
AdminMobile
AdminFullName
AdminUserName
AdminID
AdminEmail
VendorName
VendorEmail
VendorContactNumber
1
Creates
PlanrequestID
M
QuotationID
VendorID
PackageID
QUOTATION
QuotationAmount
QuotationStatus
UserID
M
Views
1
UserFullName
Username
UserStatus
UserLocation
USER
quotationSelected
UserDepartment
UserDateOfJoining
UserDateOfBirth
UserMail
UserID
1
M
Creates
3
Views
N
PackageID
cateringVeg
VendorID
cateringnonVeg
PACKAGE
Decoration
PackageType
TypeOfEvent
otherServices
Photography
M
RequestID
RequestOtherServices
RequestFromDate
UserID
PLAN REQUEST
N
Sends
RequestToDate
RequestNumberOfPersons
RequestService

CLASS DIAGRAM



FRONTEND

This website contains:

1)Home Page-

This page has links for:

a) Admin Login

b) Vendor Login

c) User Login

d) User Registration

2)Admin Page-

This page contains following services:-

a) Add vendor- Navigates to add vendor page with a form to add vendor when clicked.
b) View vendor- Displays all vendor details in a table when clicked.
c) View User Registrations-Displays all user registrations in a table ,with an option to activate or deactivate the user registrations.

3)Vendor Page-

This page contains following services:-

a) Add Package- vendor add types of packages which contains information about cost and services provided.
b) View User request- when clicked, this displays requests sent by user and it contains create quotation option to respond on user request.

4)User Page-

This page contains following services:-

a) View Profile- when clicked it displays all user information in a form ,with an option to edit email ,mobile number and address.
b) Change Password
c) Send Plan Request- Displays a form ,"send plan request" to all vendors.
d) View Quotations- Displays all quotations received from vendors and with an option accept or reject the packages.

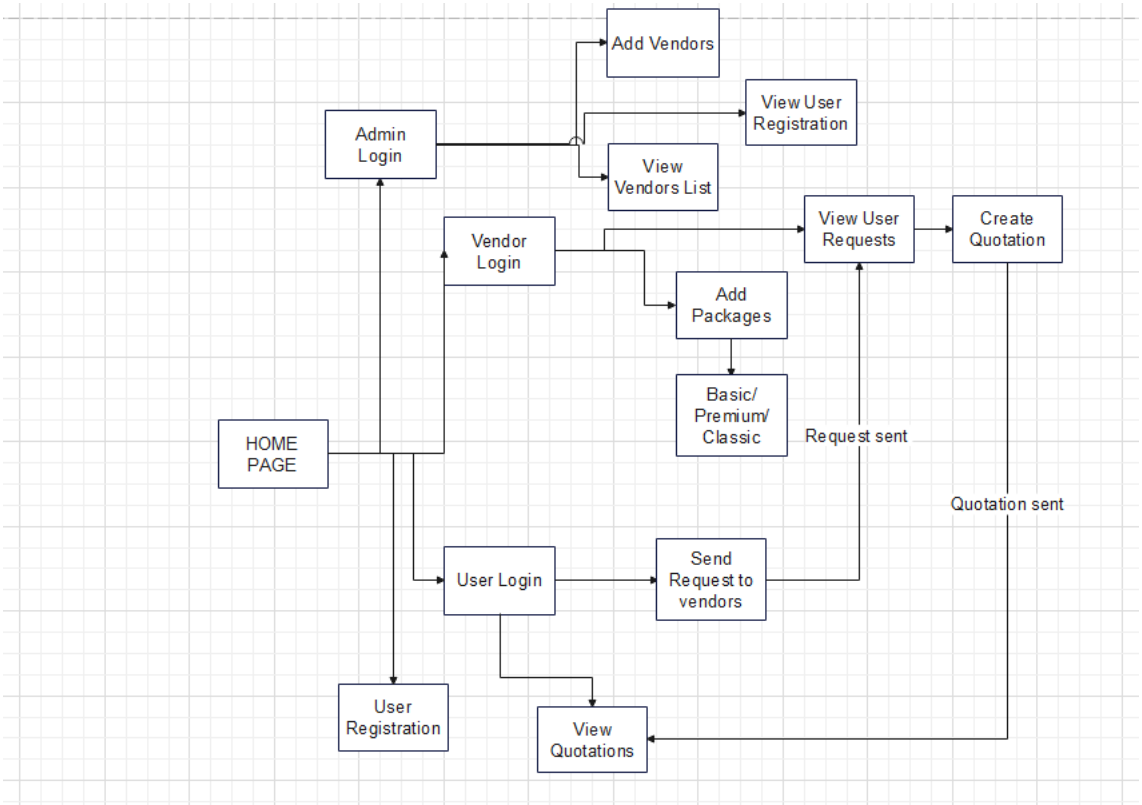


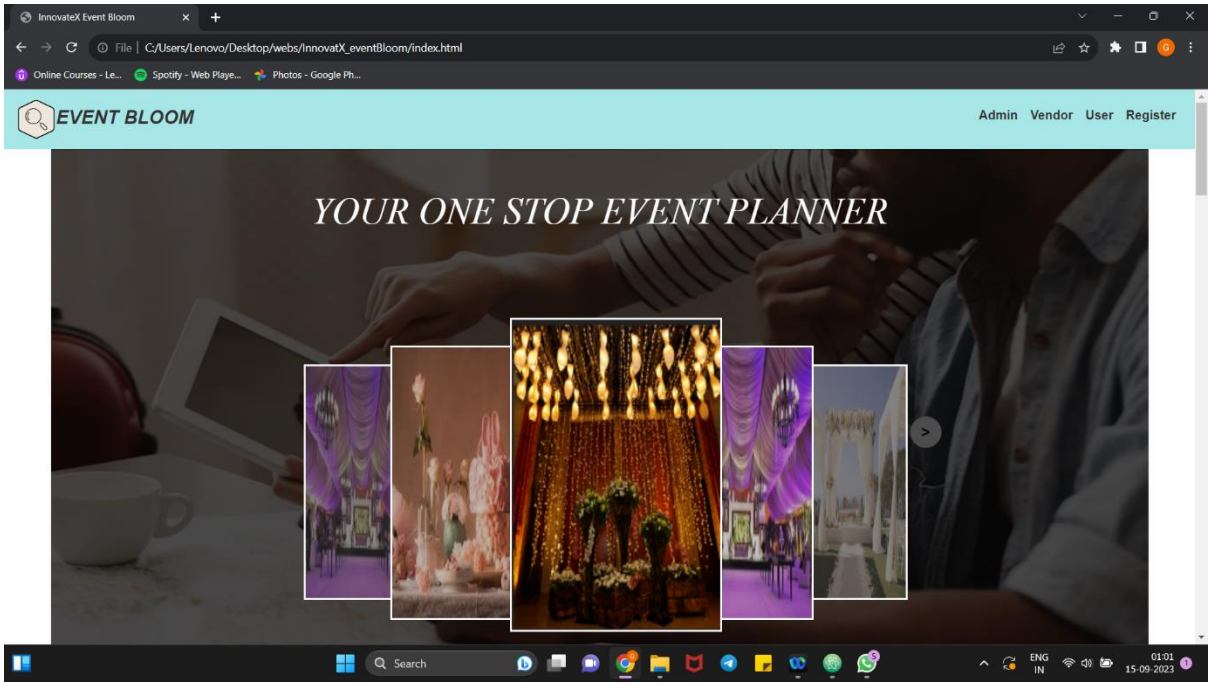
Figure 1(Frontend Flow)

EVENT BLOOM

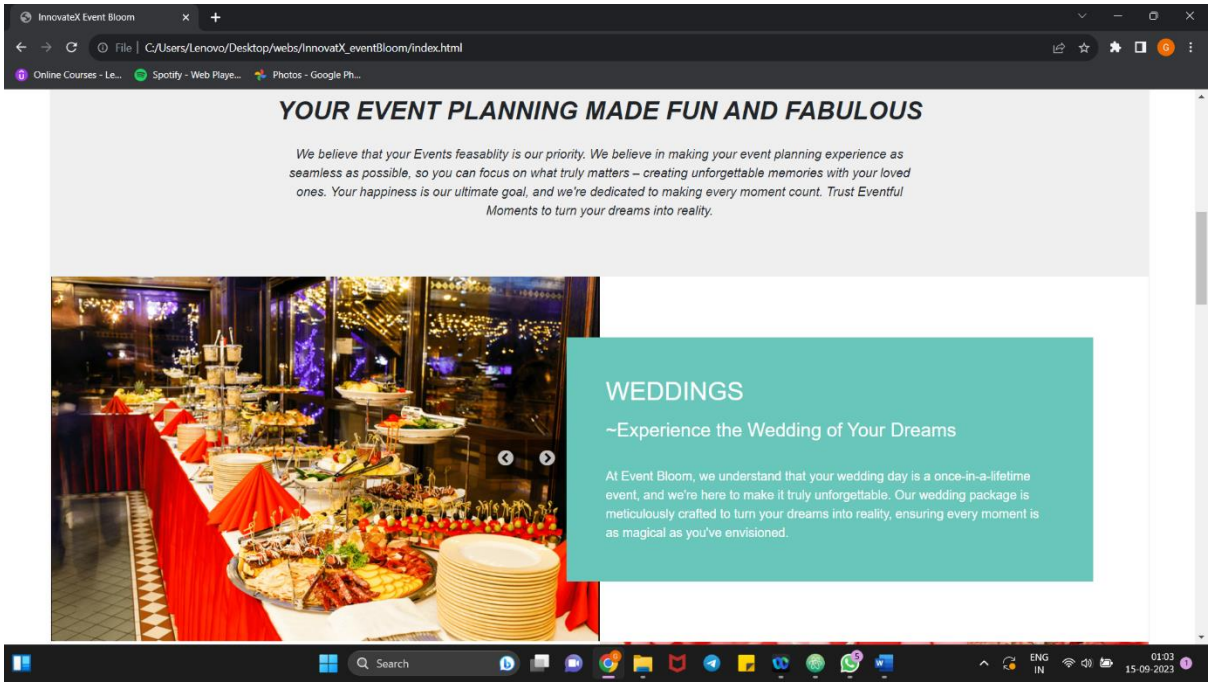
Our home page looks like this

Home section

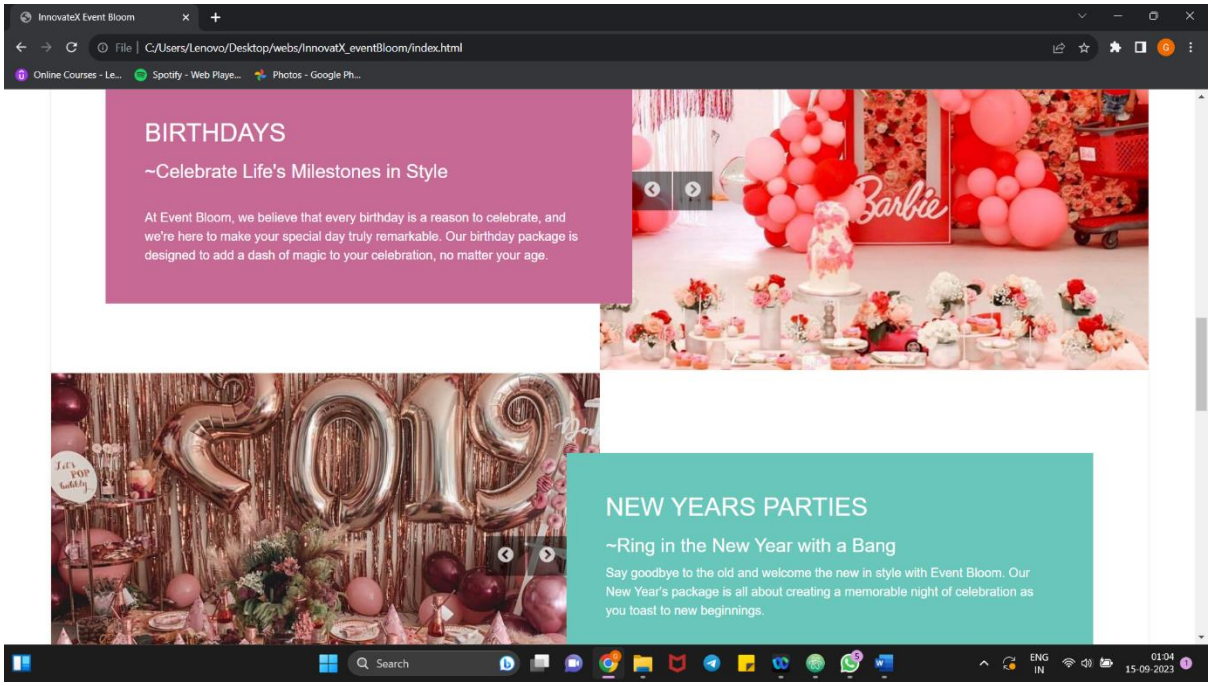
In the first page which is the home page, we have basically talked about the services that our website provides. On the top right, you can see 4 options. Clicking on them will navigate you to the different sections of the website. Bootstrap has been used to make the site responsive.


InnovateX Event Bloom
File | C:/Users/Lenovo/Desktop/webs/InnovatX_eventBloom/index.html
Online Courses - Le...
Spotify - Web Playe...
Photos - Google Ph...
EVENT BLOOM
Admin
Vendor
User
Register
YOUR ONE STOP EVENT PLANNER
Search
ENG
IN
01:01
15-09-2023

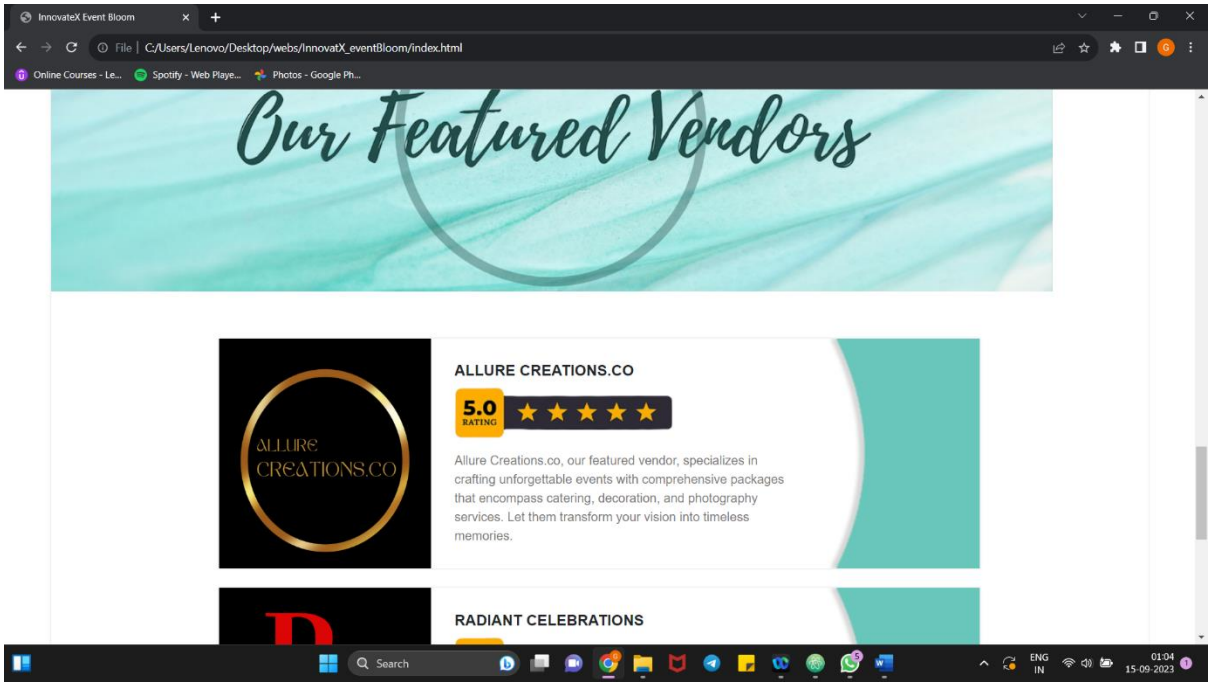
Home -1


InnovateX Event Bloom
File | C:/Users/Lenovo/Desktop/webs/InnovatX_eventBloom/index.html
Online Courses - Le...
Spotify - Web Playe...
Photos - Google Ph...
YOUR EVENT PLANNING MADE FUN AND FABULOUS
We believe that your Events feasablity is our priority. We believe in making your event planning experience as seamless as possible, so you can focus on what truly matters – creating unforgettable memories with your loved ones. Your happiness is our ultimate goal, and we're dedicated to making every moment count. Trust Eventful Moments to turn your dreams into reality.
WEDDINGS
~Experience the Wedding of Your Dreams
At Event Bloom, we understand that your wedding day is a once-in-a-lifetime event, and we're here to make it truly unforgettable. Our wedding package is meticulously crafted to turn your dreams into reality, ensuring every moment is as magical as you've envisioned.
Search
ENG
IN
01:03
15-09-2023

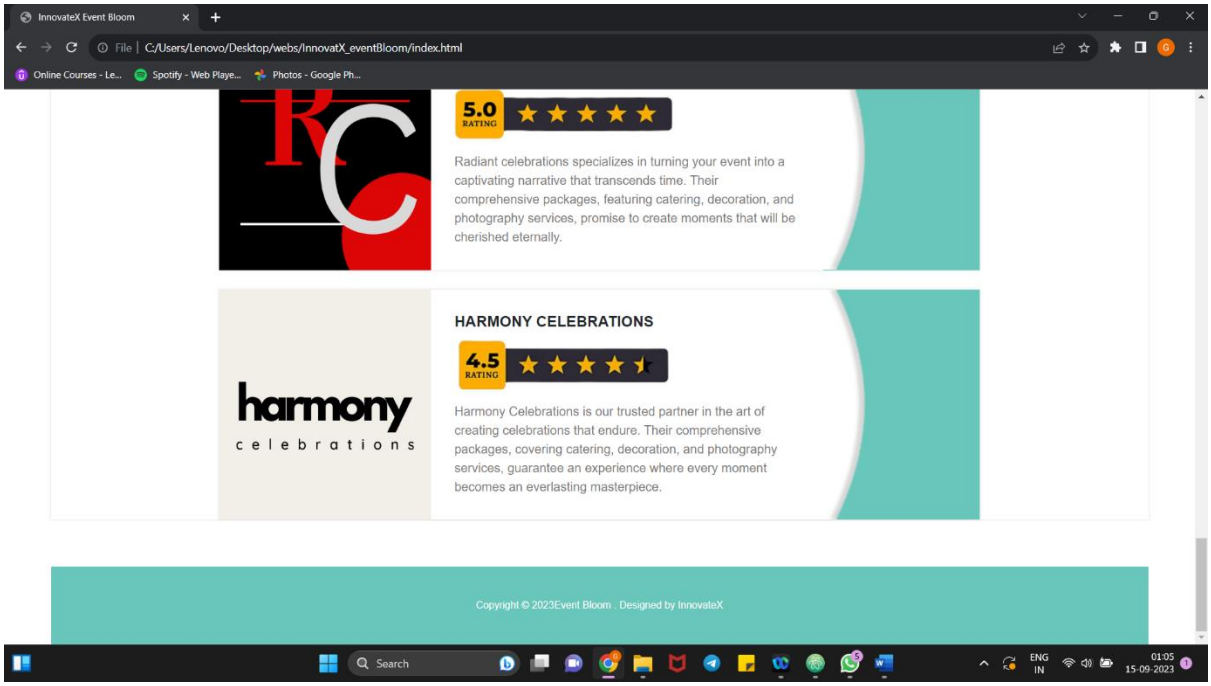
Hom 1.1



Home 1.2

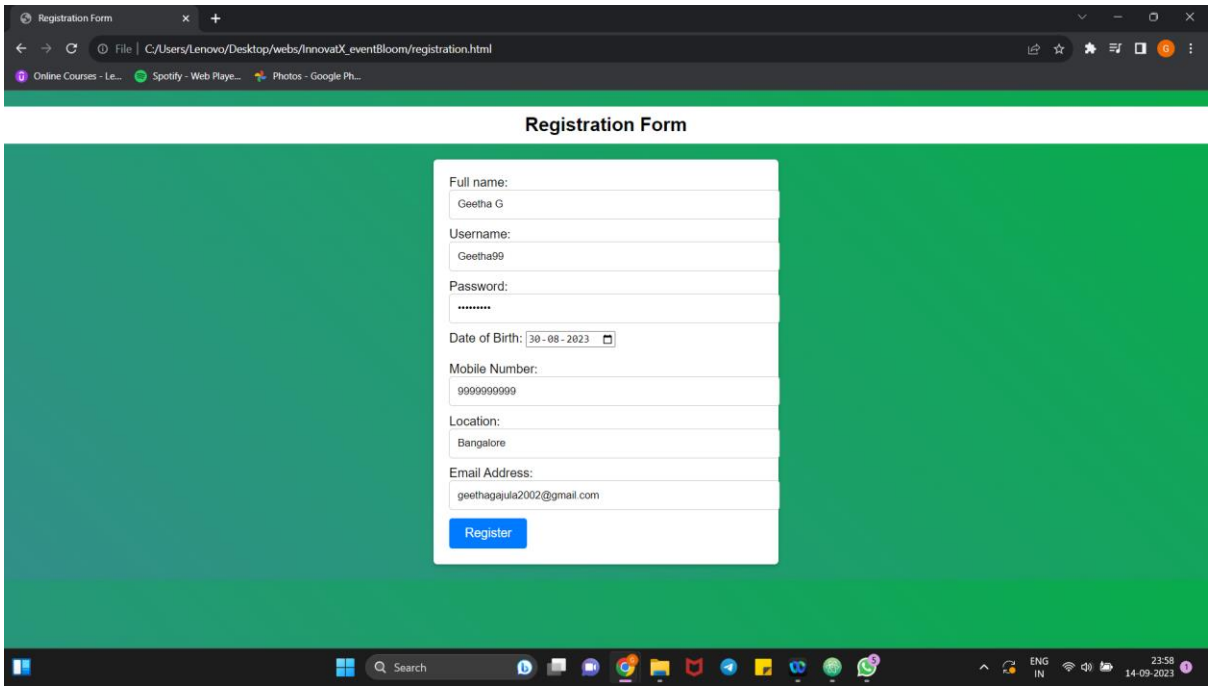


home 1.3

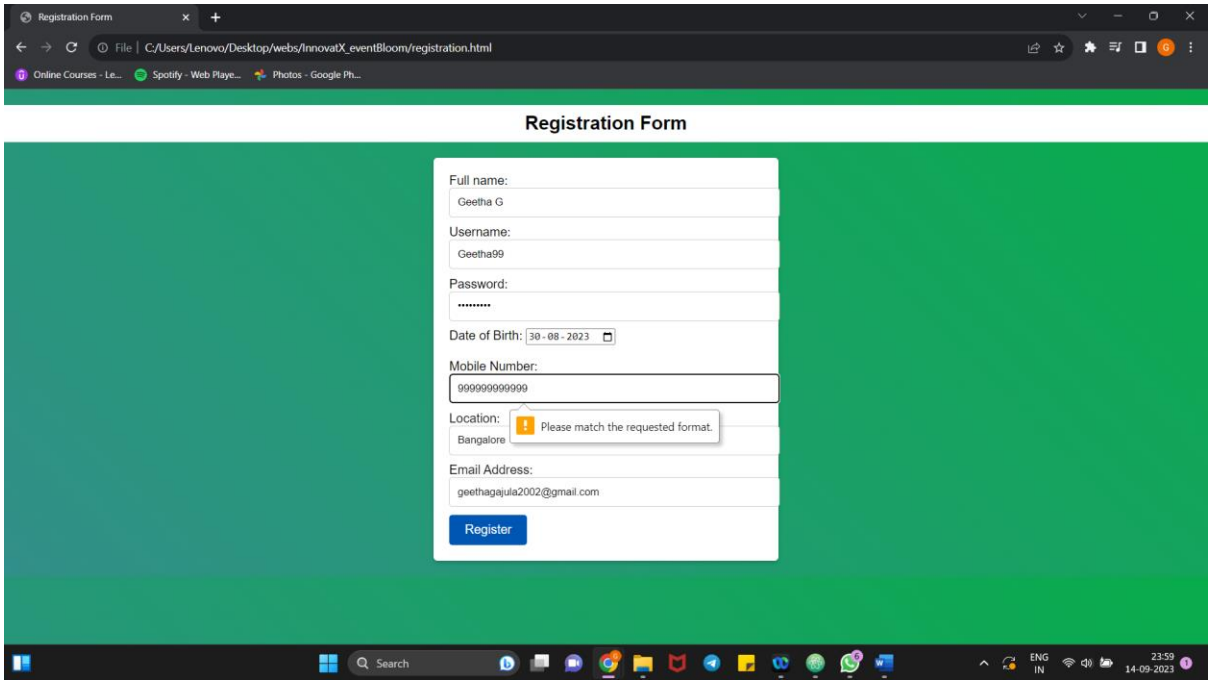


Eom 1.4

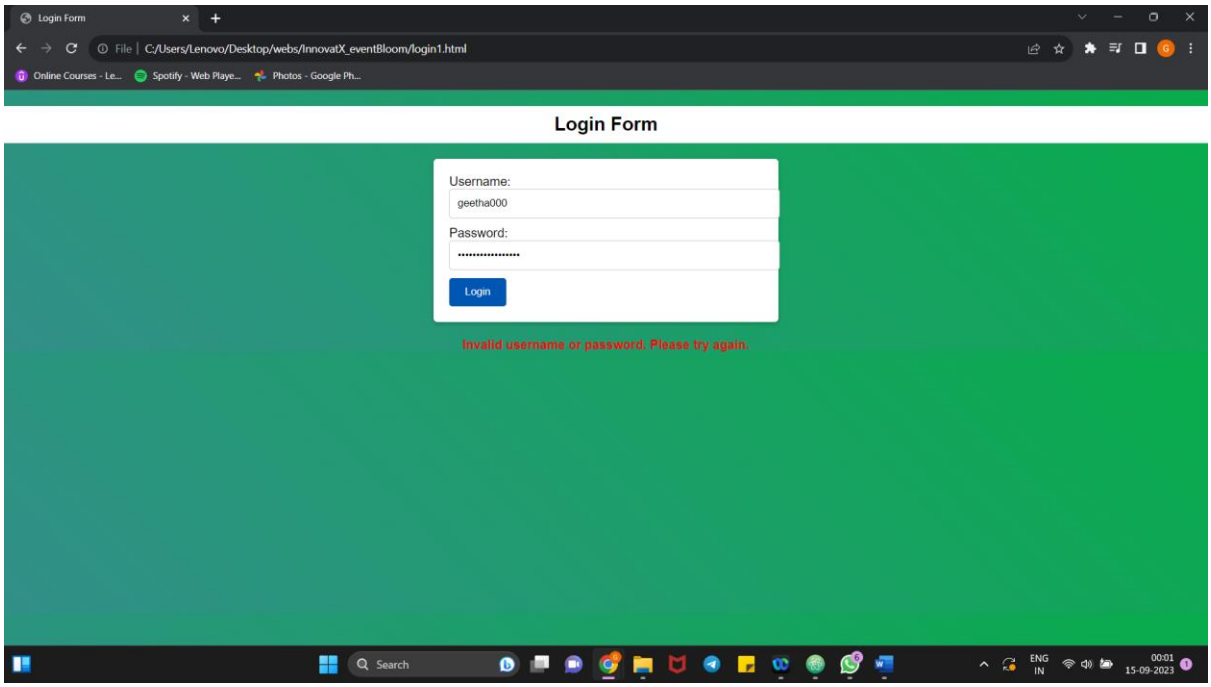
USERS PAGE(REGISTRATION AND LOGIN PAGE)



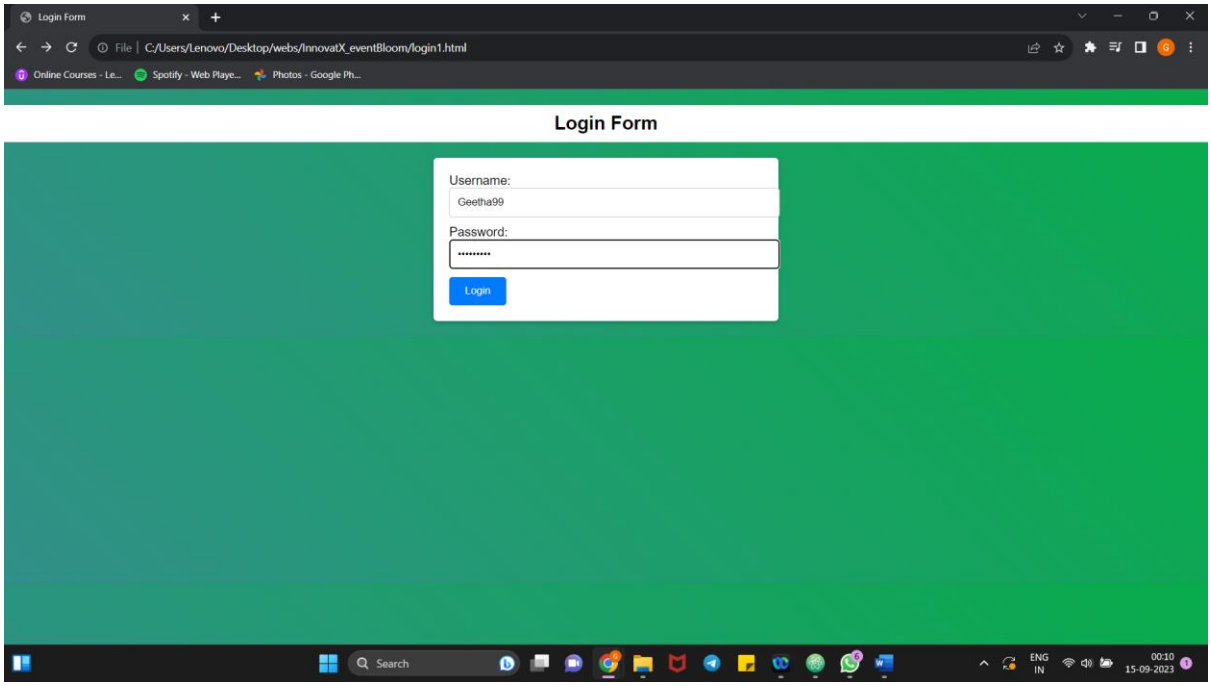
User registration test 1



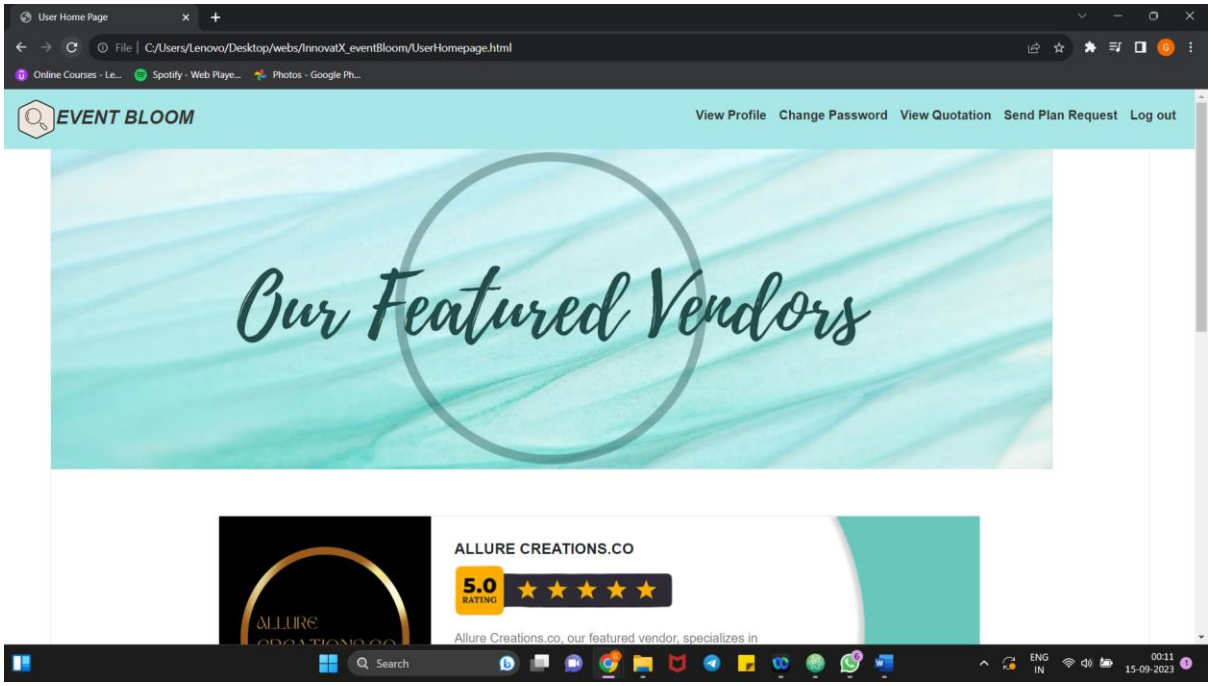
User registration test – 2



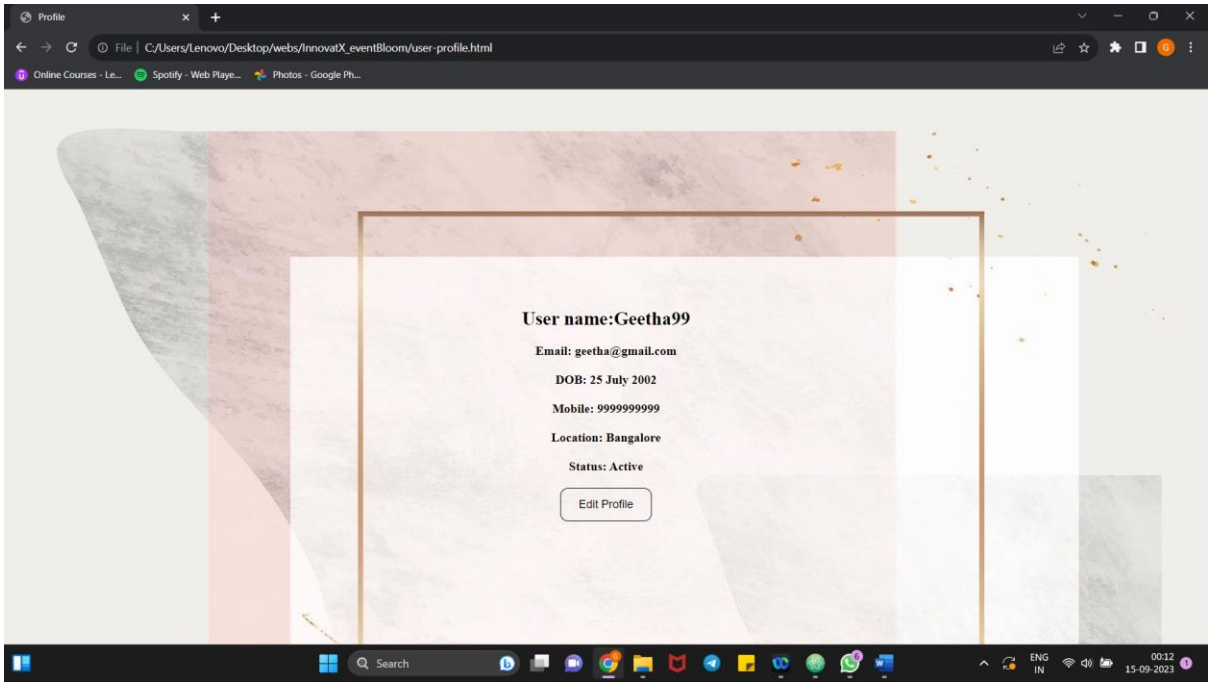
User login test-1



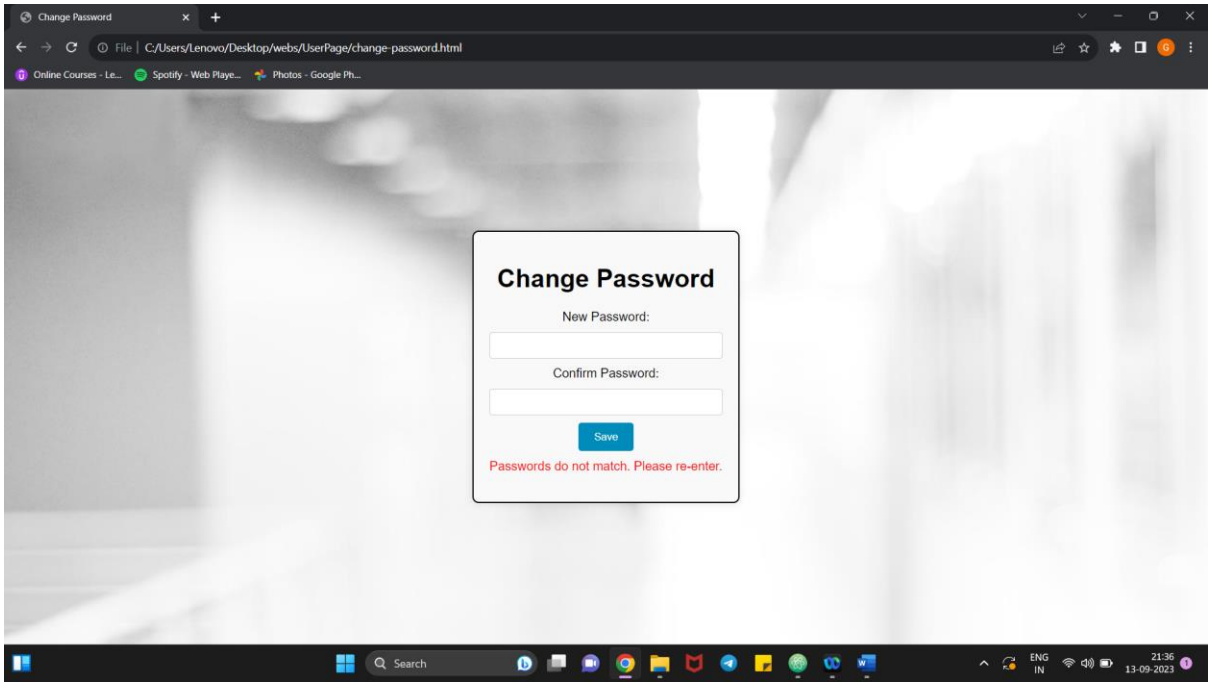
Login form test -2



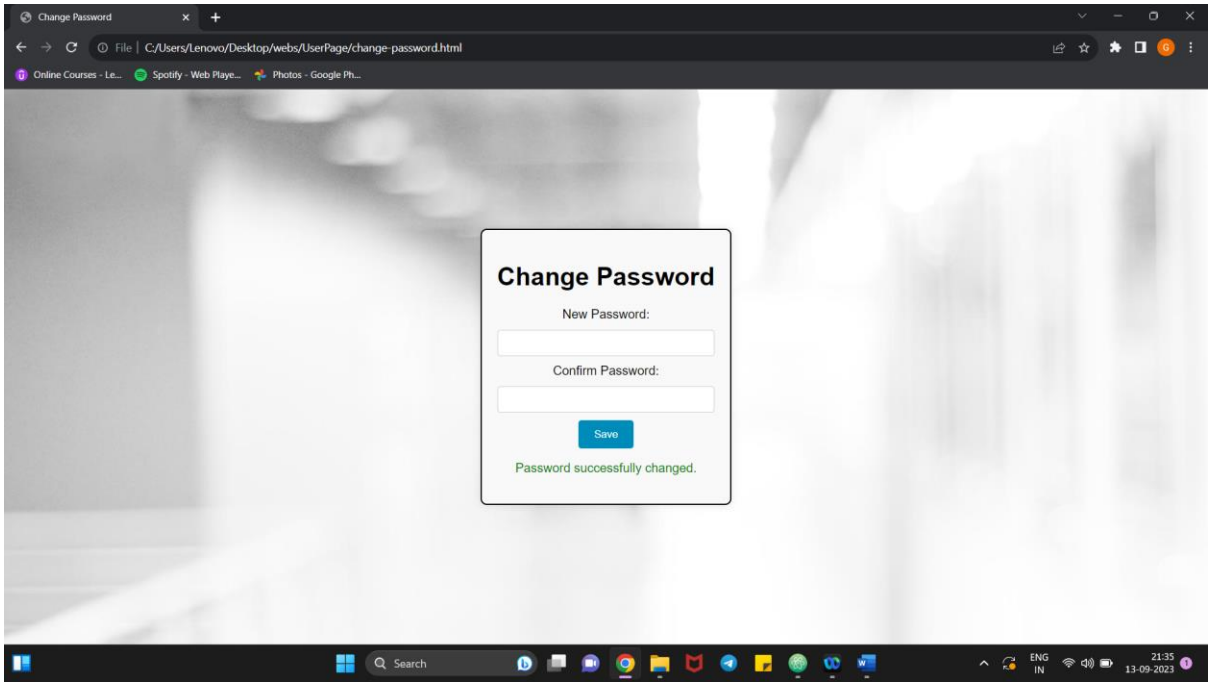
User- home page



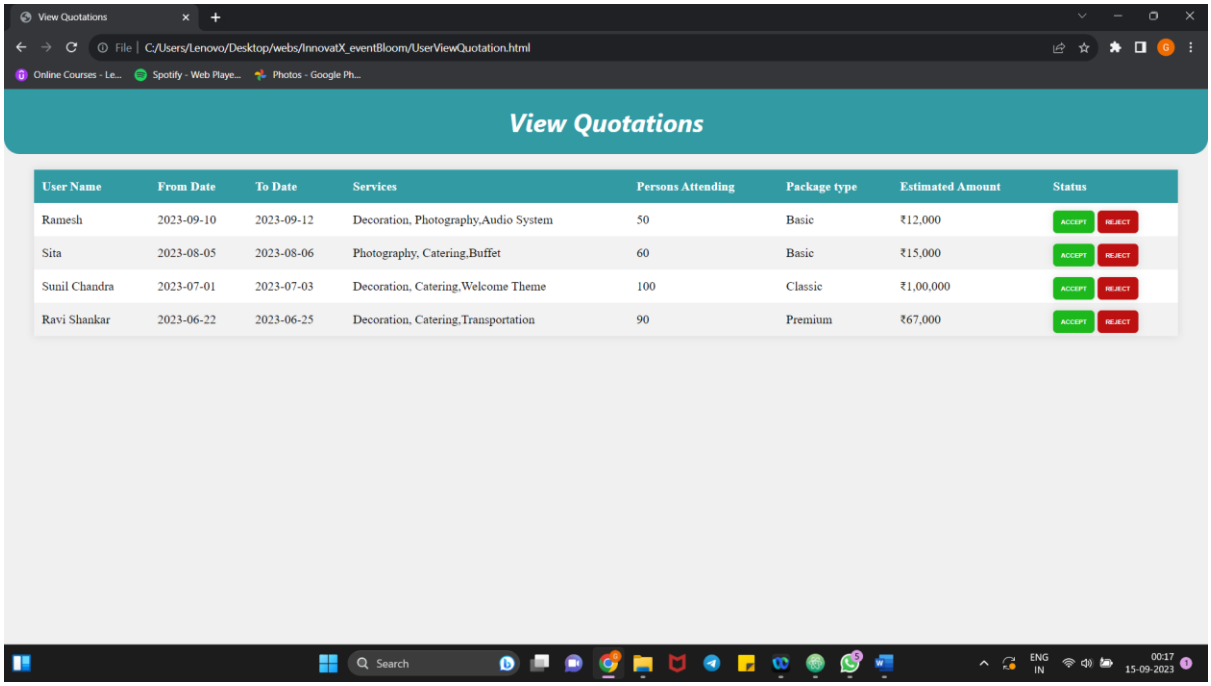
View profile



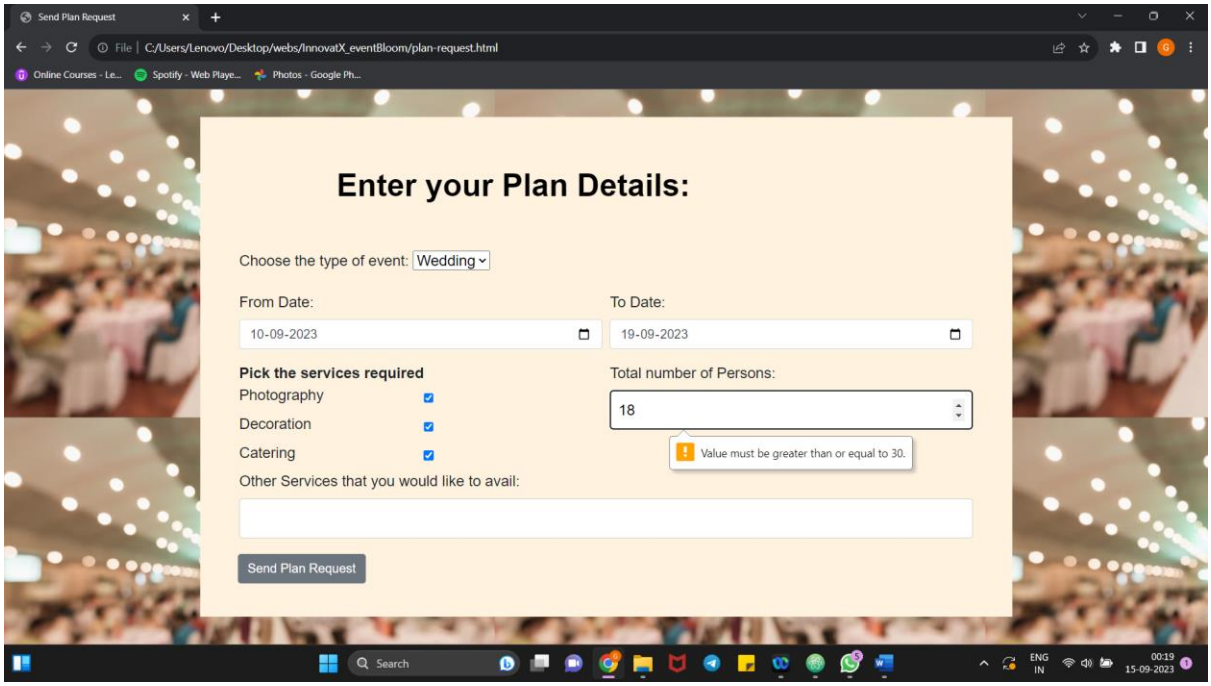
Change pass test-1



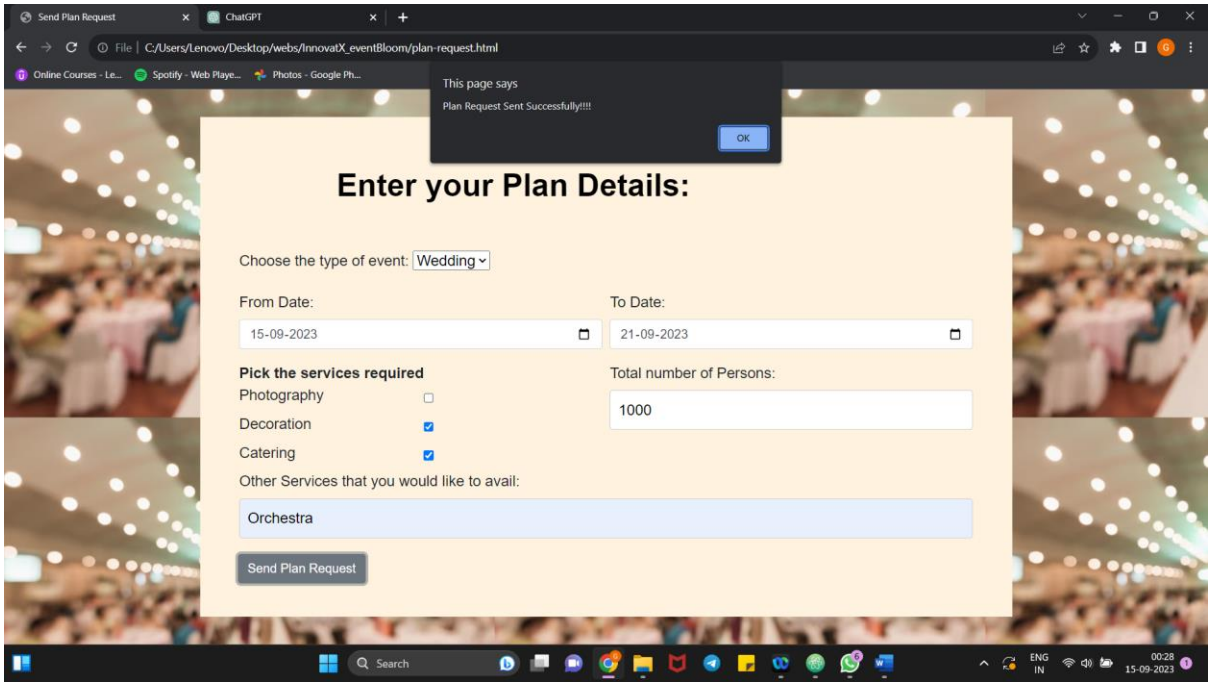
Change Password test-2



View Quotations

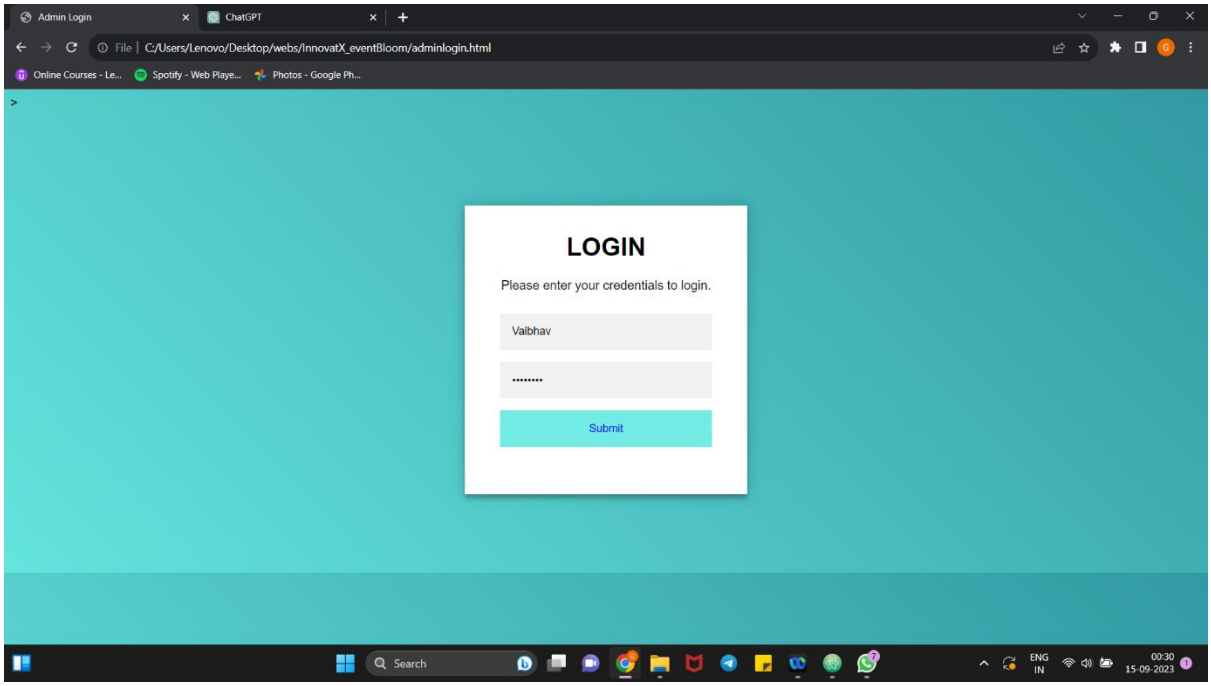


Send-plan-requests test-1

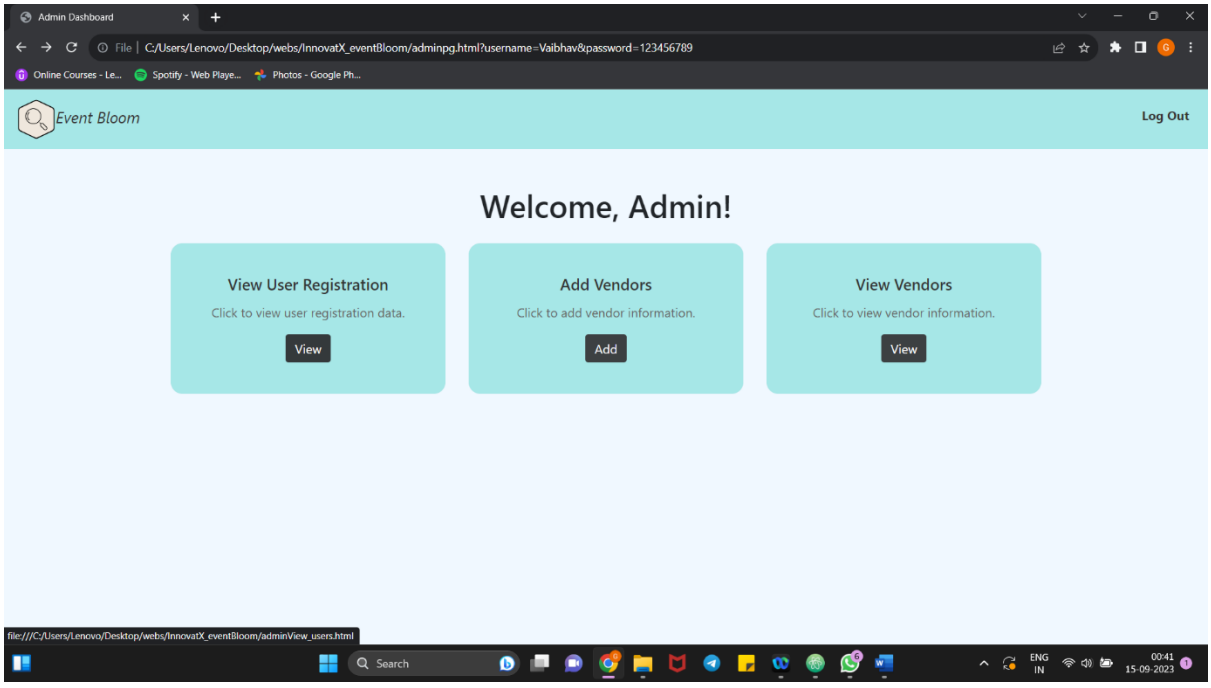


Send plan request test-2

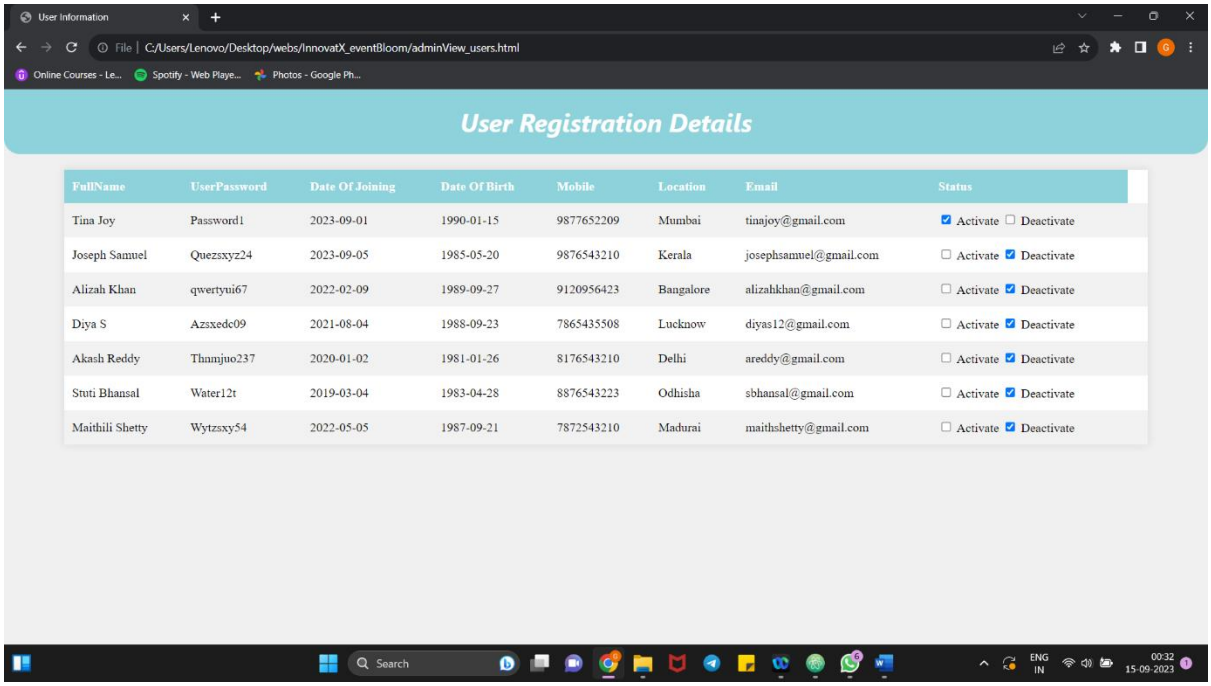
ADMIN (Test the Admin with Username->Vaibhav, Password->123456789)



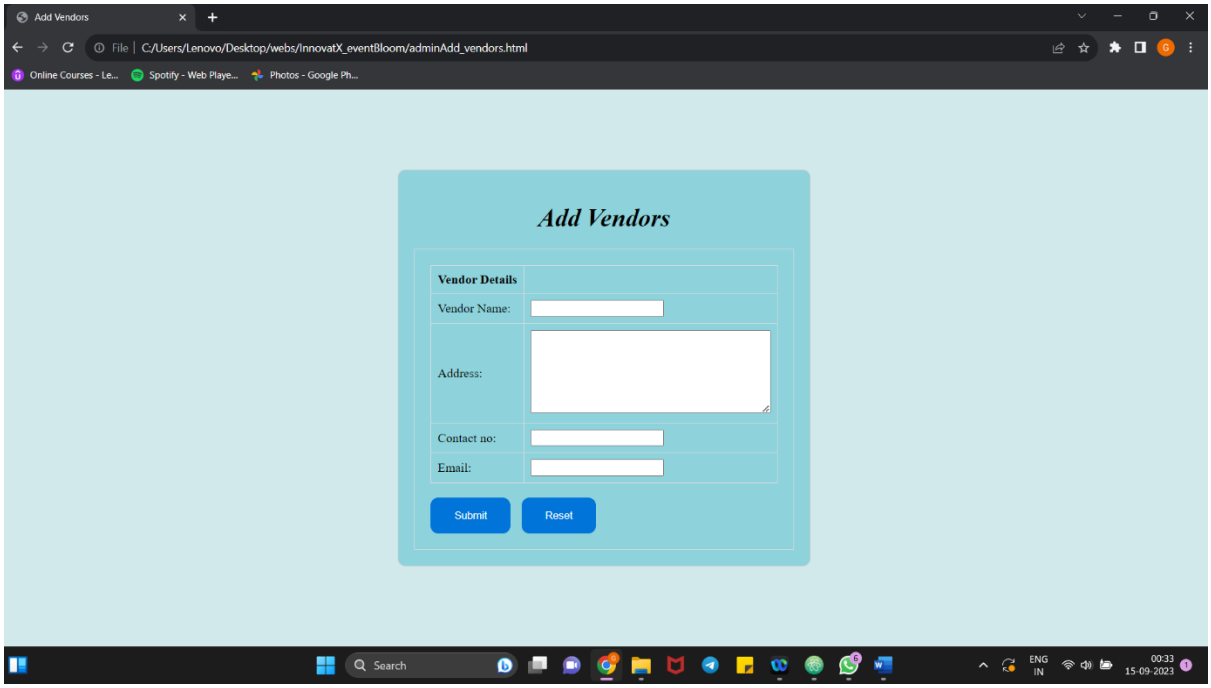
Admin-login test-1



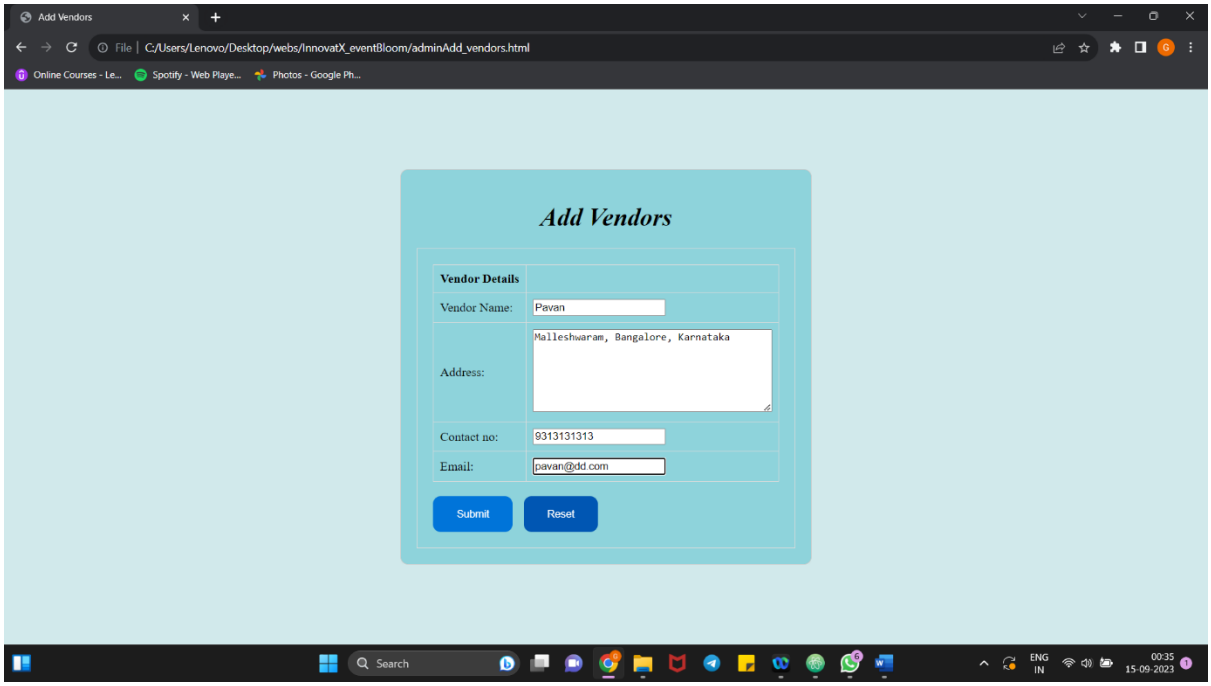
Admin Home Page



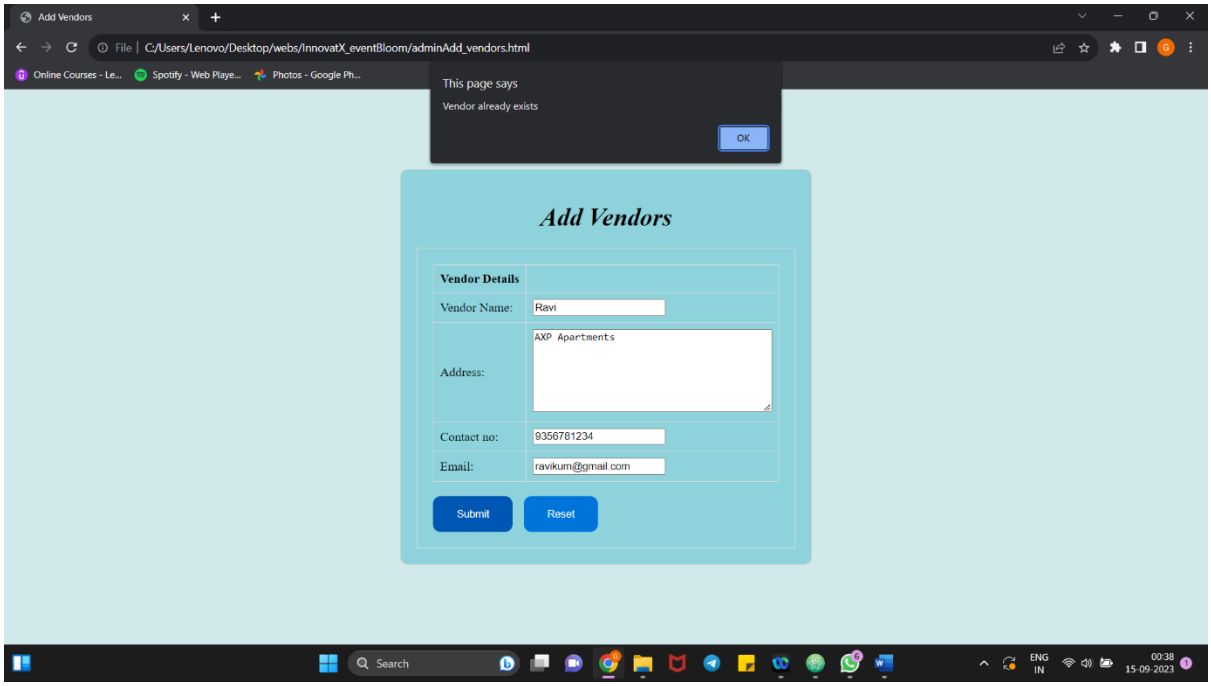
User Registration Details



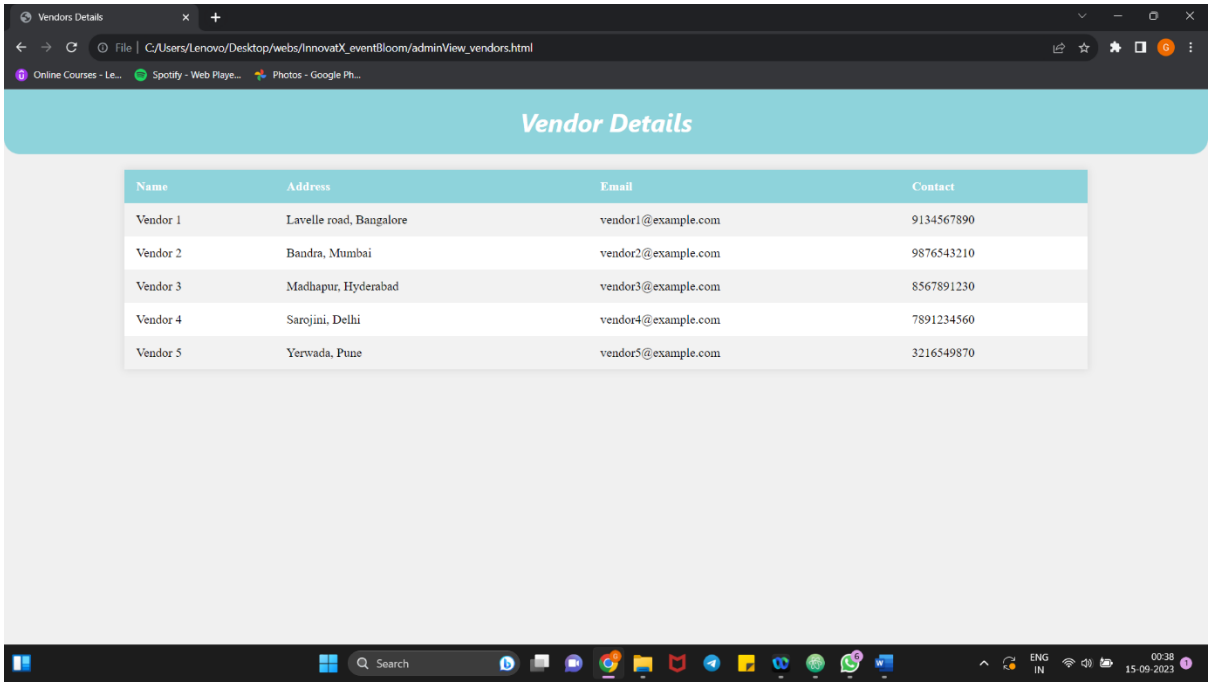
Add Vendor test-1



Add Vendor test-2

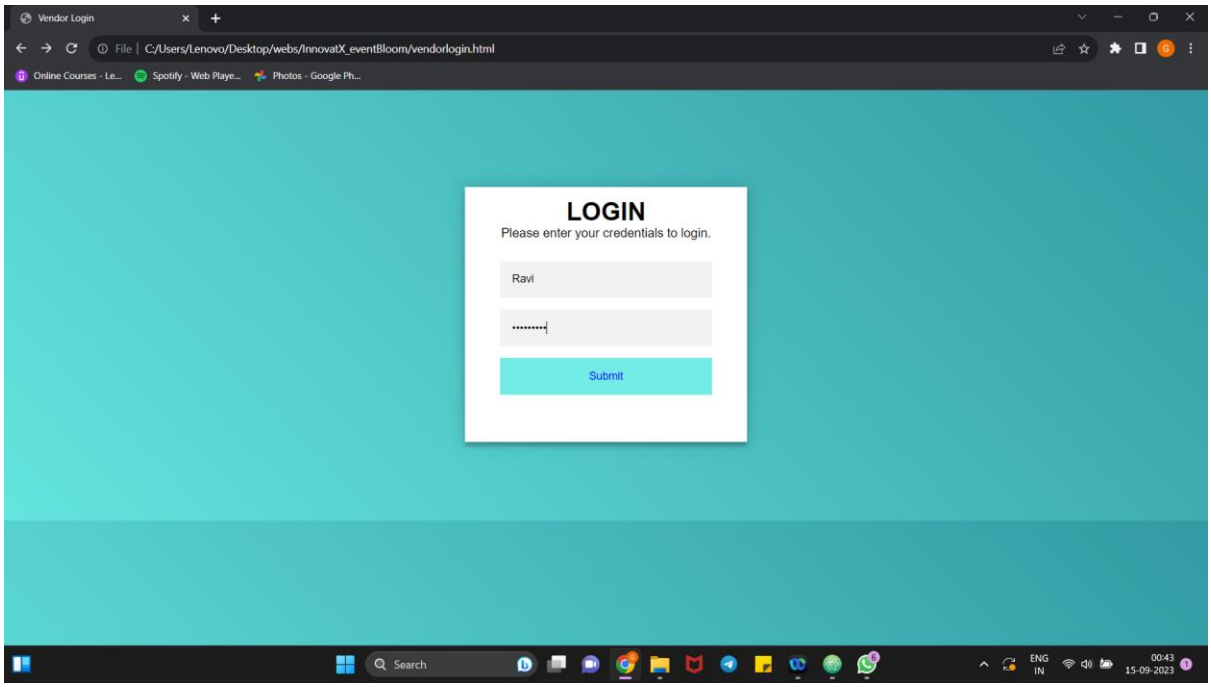


Add Vendor test-3

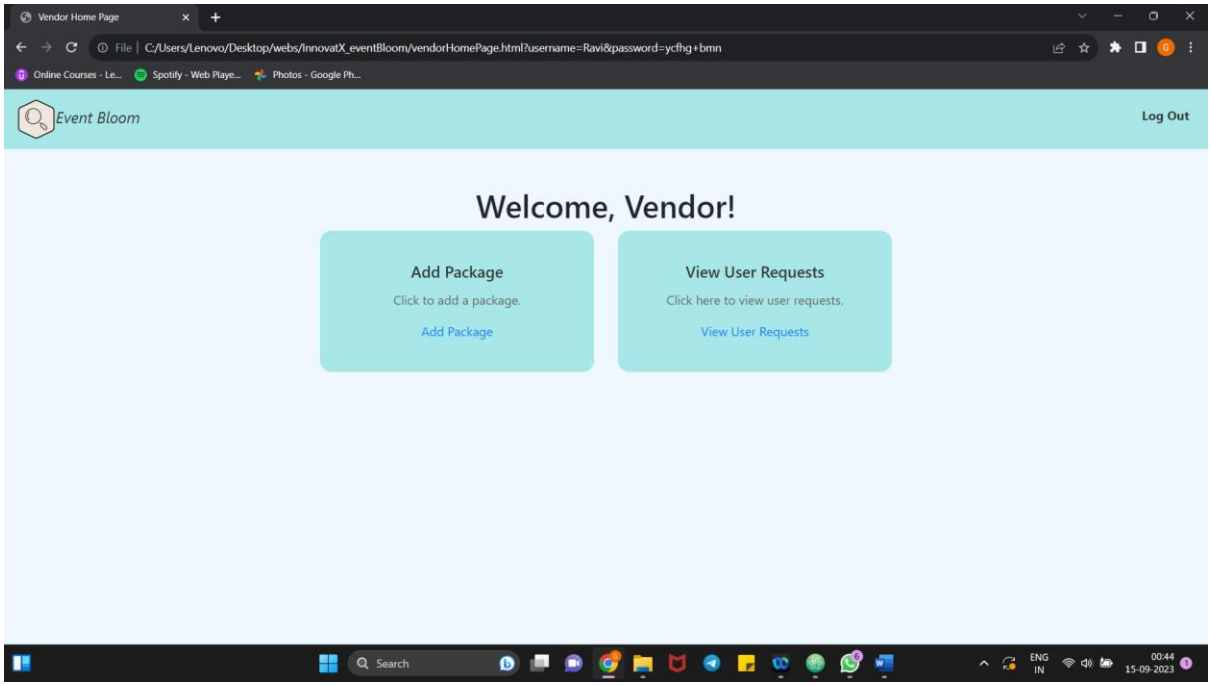


View Vendors Page

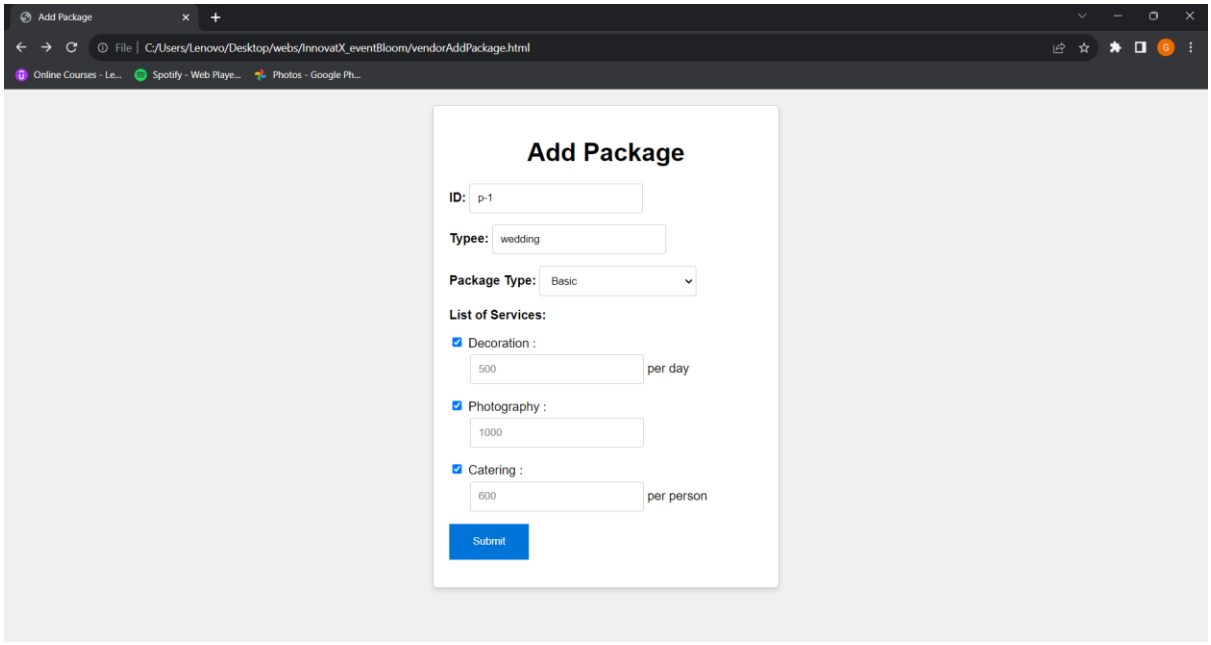
VENDOR(Test it with Username-Vaibhav, Password-223456789)



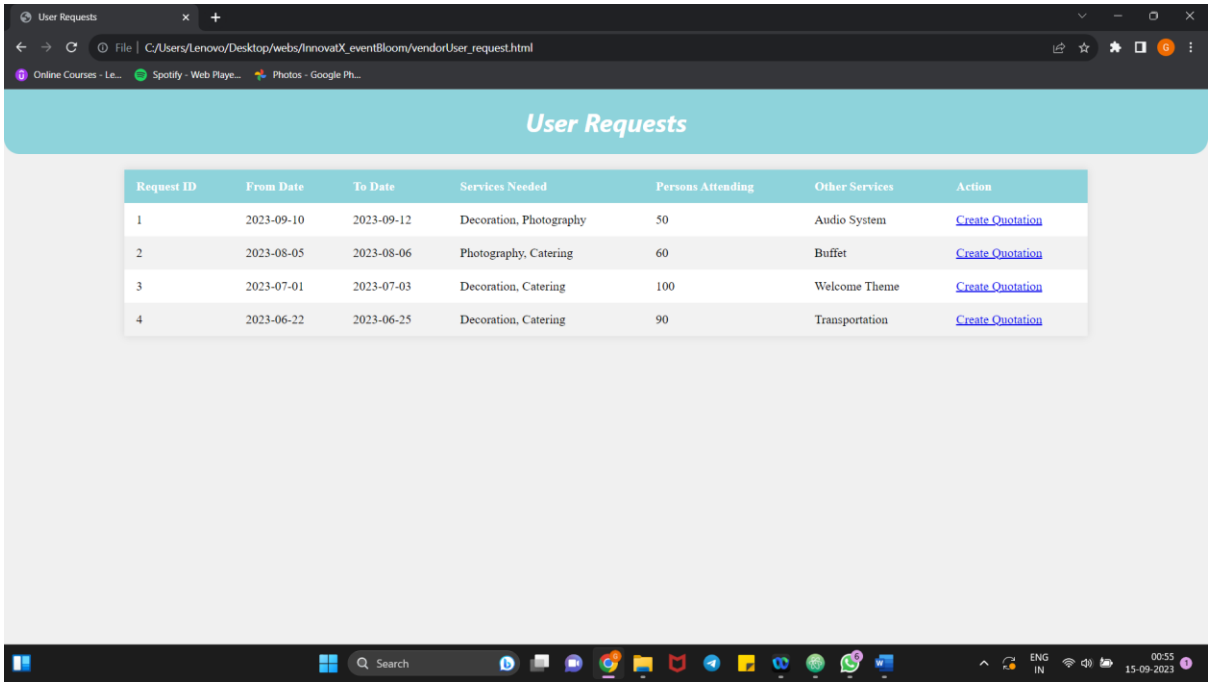
Vendor Login test -1



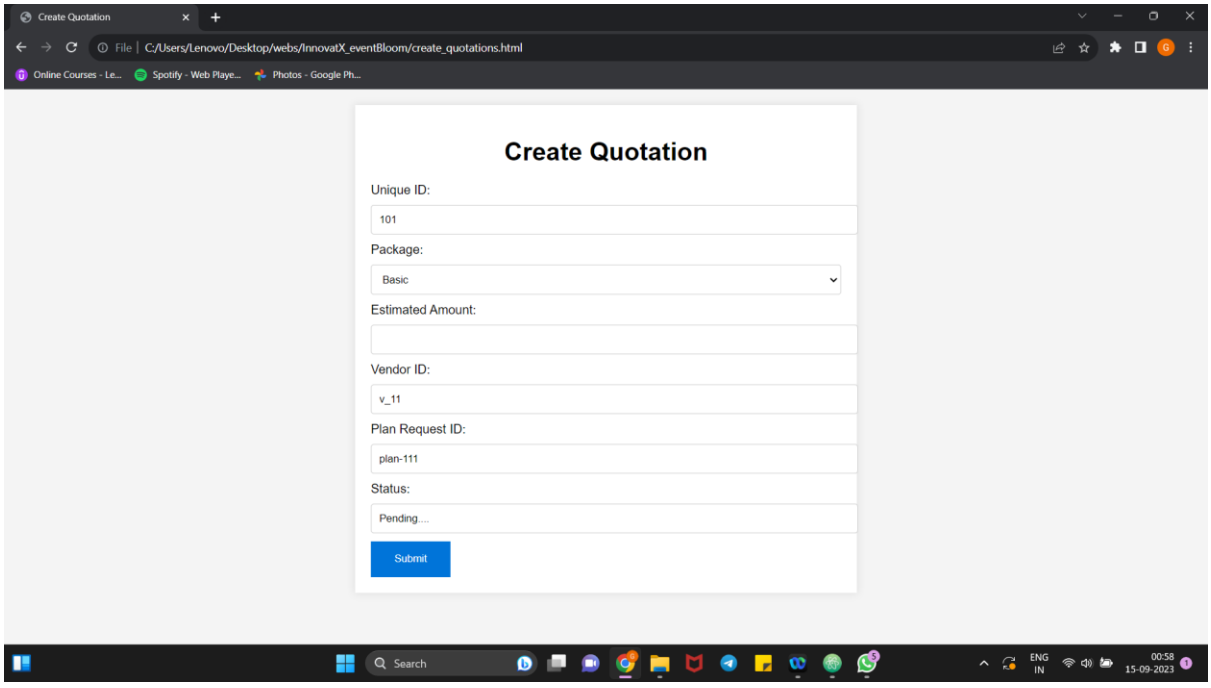
Vendor Home Page



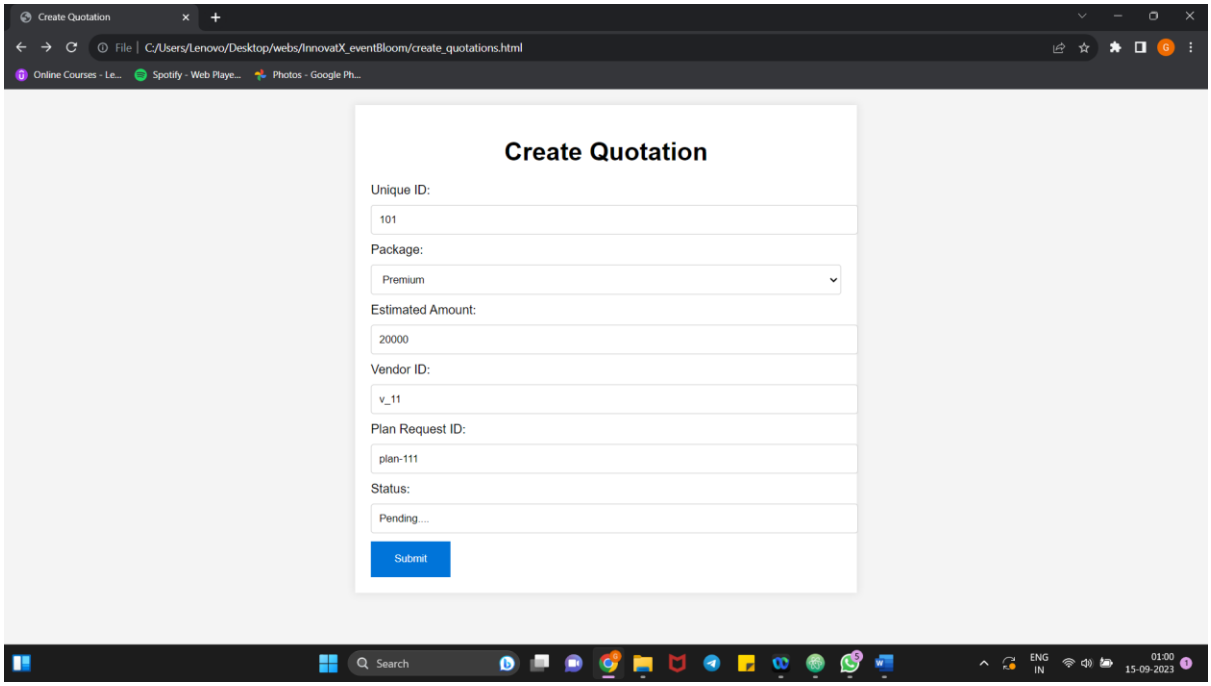
Add-Package test-1



User-Requests



Create Quotation Page



Create Quotation Page test-2

Backend

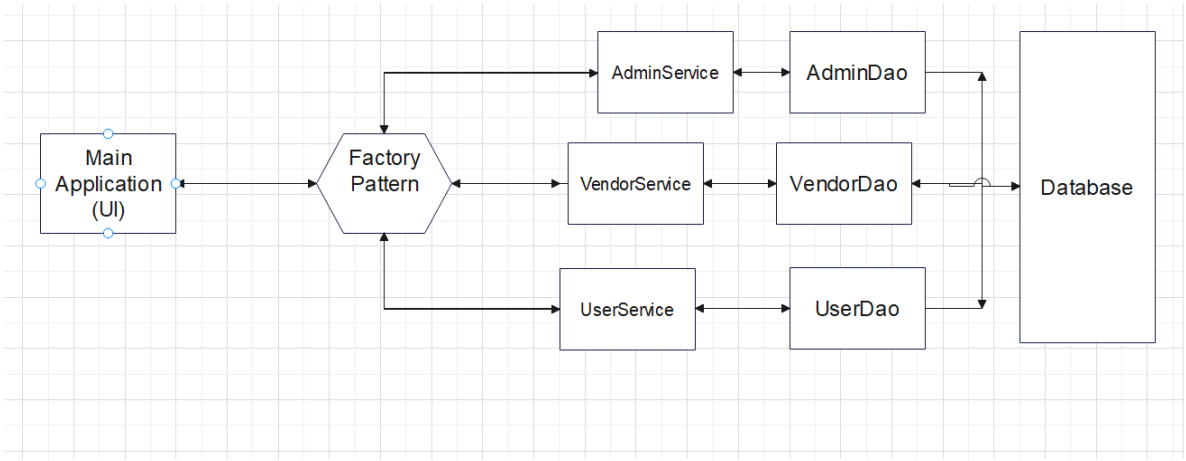


Figure 2

The backend part as mentioned above has been created using java and JDBC(MySql). As you can see in Figure 2, the flowchart depicts the workflow of the backend part. The concept used is layered architecture and factory pattern. As there is no middle layer between Frontend and Backend part, we have made the main method which acts like a UI so that we can test the application.

User Beans->User Beans also contains 2 classes, User and PlanRequest . Plan Request class will be needed by the user to send the request to the vendors. User class contains the credentials of the user that will be used in registering and logging into the site.

UserService Layer-It contains the business logic . It will be implemented by the UserServiceImplementation layer. Its contain the different methods like addUser, changePassword, addPlanRequest, deletePlanRequest etc.

UserDao-This will access database by sending the required queries and will fetch the response for the required request sent by the UI. It will be implemented using UserDaoImplementation class.

Admin Beans->Admin Beans also contains 2 classes, Admin and Vendor Class. Plan Request class will be needed by the user to send the request to the vendors. User class contains the credentials of the user that will be used in registering and logging into the site.

AdminService Layer-It contains the business logic . It will be implemented by the AdminServiceImplementation layer. Its contain the different methods like addVendor, changeStatus, validateAdmin etc.

AdminDao-This will access database by sending the required queries and will fetch the response for the required request sent by the UI. It will be implemented using AdminDaoImplementation class.

Vendor Beans->Vendor Beans contains 2 classes, Packages and Quotation . Package Class will help the vendor in adding the packages(Basic/Premium/Classic) so that the user can choose on the basisi of that. The Quotation class will help the vendor in creating the quotation on the basis of the plan request sent by the user.

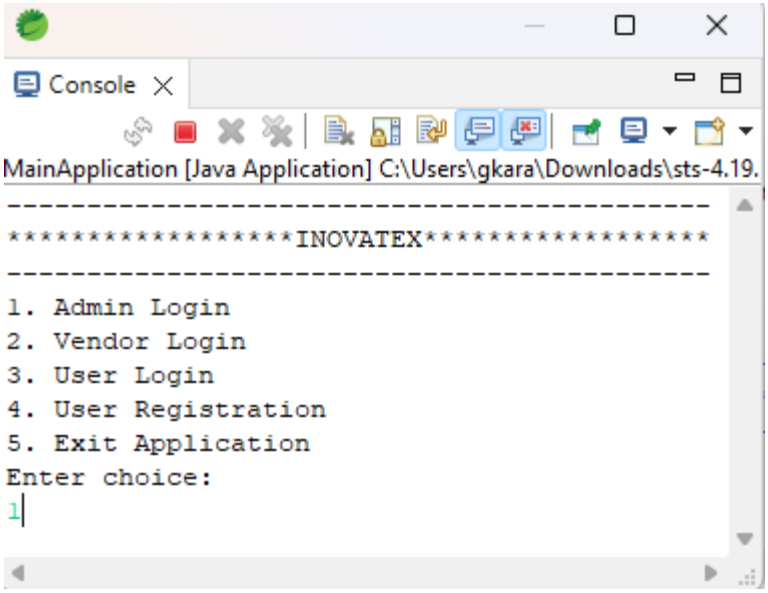
VendorService Layer-It contains the business logic . It will be implemented by the VendorServiceImplementation layer. Its contain the different methods like addPackage, getPackage, getUserRequest,selectQuotation etc.

VendorDao-This will access database by sending the required queries and will fetch the response for the required request sent by the UI. It will be implemented using VendorDaoImplementation class.

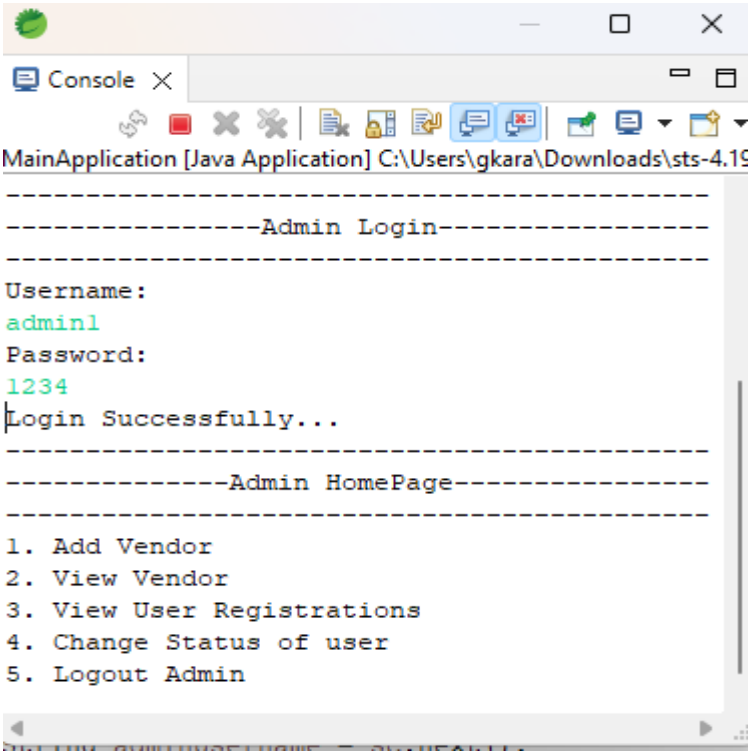
Implementation

1. Mainmenu -Admin login
   -Vendor login
   -User login

-User Registration

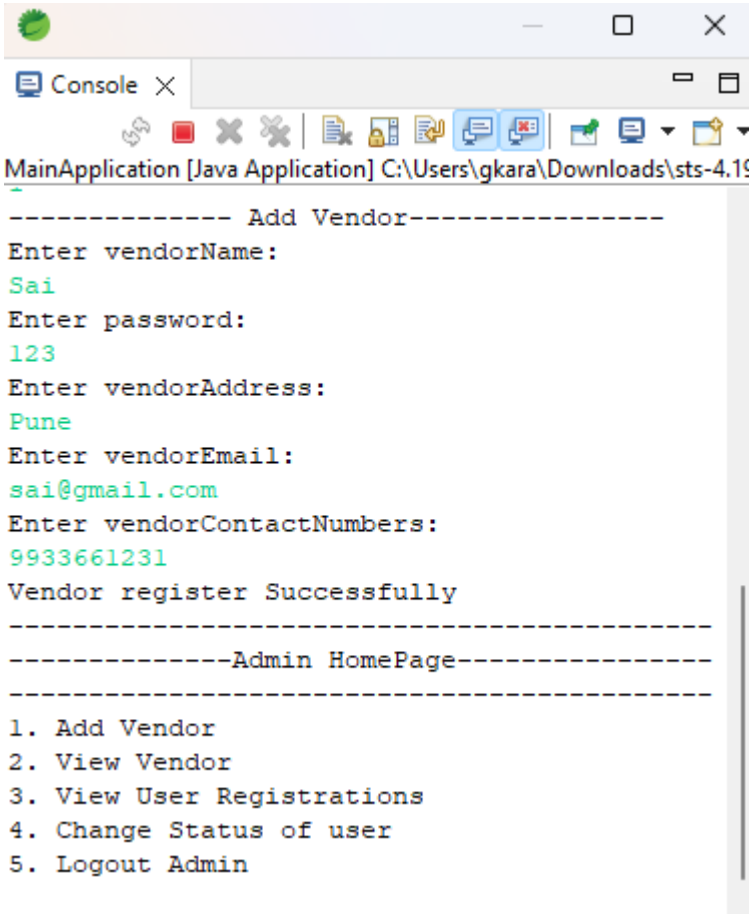


2. For Admin login enter 1 -> enter correct **admin-username** and **password.**



3. After successfully login we have the **Admin HomePage**

1.Add Vendor


Console
MainApplication [Java Application] C:\Users\gkara\Downloads\sts-4.19
---------- Add Vendor----------
Enter vendorName:
Sai
Enter password:
123
Enter vendorAddress:
Pune
Enter vendorEmail:
sai@gmail.com
Enter vendorContactNumbers:
9933661231
Vendor register Successfully

----------Admin HomePage----------
----
1. Add Vendor
2. View Vendor
3. View User Registrations
4. Change Status of user
5. Logout Admin

ViewVendor

```
------------------------------------------
--------------Admin HomePage---------------
------------------------------------------
1. Add Vendor
2. View Vendor
3. View User Registrations
4. Change Status of user
5. Logout Admin
2
-------------- View Vendor----------------
Vendor [vendorId=3, vendorName=Ram, vendorAddress=kondapur hyd, vendorEmail=raml23@gmail.com, vendorContactNumbers=1234567890]
Vendor [vendorId=5, vendorName=rahul, vendorAddress=hyd, vendorEmail=rahul@gmail.com, vendorContactNumbers=987456321]
Vendor [vendorId=6, vendorName=Sai, vendorAddress=Pune, vendorEmail=sai@gmail.com, vendorContactNumbers=9933661231]
------------------------------------------
```

2. View User Registration

```
3
----------View User Registrations-----------
User [userId=3, userFullName=G Karan, username=karan2001, userDateOfJoining=2012-12-12, userDateOfBirth=2012-12-12, userDepartment=WholeSaleIT, userMobile=947609
User [userId=6, userFullName=G narak, username=karan-2001, userDateOfJoining=2012-12-12, userDateOfBirth=2012-12-12, userDepartment=WholeSaleIT, userMobile=9476(
User [userId=8, userFullName=G Neha, username=neha1996, userDateOfJoining=2023-09-10, userDateOfBirth=1996-10-27, userDepartment=xyz, userMobile=9676582260, user
------------------------------------------
--------------Admin HomePage---------------
------------------------------------------
1. Add Vendor
2. View Vendor
3. View User Registrations
4. Change Status of user
5. Logout Admin
```

4.Change Status of user

```
-------------------------------------------
--------------Admin HomePage---------------
-------------------------------------------
1. Add Vendor
2. View Vendor
3. View User Registrations
4. Change Status of user
5. Logout Admin
4
-----------Change user status------------
Enter userId and status[active/non-active]:
6
active
1
status changed succesfully
```

4. Logout Admin

```
-------------------------------------------
--------------Admin HomePage---------------
-------------------------------------------
1. Add Vendor
2. View Vendor
3. View User Registrations
4. Change Status of user
5. Logout Admin
5
Admin Logout..
```

4.Again back to mainmenu -> choose 2 for **vendor login** -> after entering correct **vendorId** and **password** we can see **vendor Homepage**

```
-------------------------------------------
******************INOVATEX******************
-------------------------------------------
1. Admin Login
2. Vendor Login
3. User Login
4. User Registration
5. Exit Application
Enter choice:
2
-------------------------------------------
---------------Vendor Login----------------
-------------------------------------------
VendorId:
3
Password:
ram@123
Login Successfully...
-------------------------------------------
--------------Vendor HomePage----------------
-------------------------------------------
1. Add Package
2. View Packages
3. View User Request
4. Create Quotation
5. View Quotation
6. Change password
7. Logout Vendor
```

1. Add Package

```
-------------- Add Package----------------
Enter Type of Event:
party
Enter package type [Basic/classic/premium]:
basic
Enter Amount for Decoration per day:
1000
Enter Amount for photography per day:
3000
Enter Amount for catering veg per plate:
200
Enter Amount for catering non-veg per plate:
300
Enter otherservice:
xyz
package added Successfully
```

View Package

```
-------------------------------------------
--------------Vendor HomePage---------------
-------------------------------------------
1. Add Package
2. View Packages
3. View User Request
4. Create Quotation
5. View Quotation
6. Change password
7. Logout Vendor
2
-------------- View Packages----------------
Packages [TypeOfEvent=party, PackageType=Basic, decoration=1000.0, photography=3000.0, catering_veg=200.0, catering_nonveg=300.0, otherservice=xyz]
-------------------------------------------
```

2. View User Request

```
---------------------------------------------
--------------Vendor HomePage----------------
---------------------------------------------
1. Add Package
2. View Packages
3. View User Request
4. Create Quotation
5. View Quotation
6. Change password
7. Logout Vendor
3
------------- View User Request----------------
PlanRequest [requestId=7, requestFromDate=2023-10-03, requestToDate=2023-10-13, requestServicesNeeded=Decoration Photography Catering, requestNumberOfPersons=450, r
```

3. Create Quotation

```
---------------------------------------------
--------------Vendor HomePage----------------
---------------------------------------------
1. Add Package
2. View Packages
3. View User Request
4. Create Quotation
5. View Quotation
6. Change password
7. Logout Vendor
4
------------Create Quotation-------------
Enter PackageType[basic/classic/premium]:
classic
Enter planRequestId:
7
Quotation created Successfully
```

4. View Quotation

```
-------------------------------------------
--------------Vendor HomePage---------------
-------------------------------------------
1. Add Package
2. View Packages
3. View User Request
4. Create Quotation
5. View Quotation
6. Change password
7. Logout Vendor
5
-----------View Quotation-------------
Quotation [quotationID=7, quotationEstimatedAmount=16050.0, planRequestID=7, quotationStatus=Pending, packageid=1, packageType=basic]
Quotation [quotationID=16, quotationEstimatedAmount=15950.0, planRequestID=7, quotationStatus=Pending, packageid=3, packageType=classic]
Quotation [quotationID=8, quotationEstimatedAmount=210000.0, planRequestID=7, quotationStatus=Accepted, packageid=5, packageType=premium]
-------------------------------------------
```

5. Change Password

```
-------------------------------------------
--------------Vendor HomePage---------------
-------------------------------------------
1. Add Package
2. View Packages
3. View User Request
4. Create Quotation
5. View Quotation
6. Change password
7. Logout Vendor
6
-------------- Change Password----------------
Enter new Password:
pwd@123
Password changed succesfully
```

6.Logout Vendor

```
-------------------------------------------
--------------Vendor HomePage----------------
-------------------------------------------
1. Add Package
2. View Packages
3. View User Request
4. Create Quotation
5. View Quotation
6. Change password
7. Logout Vendor
7
Vendor Logout..
```

Again back to mainmenu -> choose 3 for **user login** -> after entering correct **username** and **password** we can see U**ser Homepage**

```
-------------------------------------------
******************INOVATEX******************
-------------------------------------------
1. Admin Login
2. Vendor Login
3. User Login
4. User Registration
5. Exit Application
Enter choice:
3
-------------------------------------------
-----------------User Login-----------------
-------------------------------------------
Username:
karan2001
Password:
12345678
Login Successfully...
-------------------------------------------
--------------User HomePage----------------
-------------------------------------------
1. View Profile
2. Change Password
3. Send Plan Request
4. View Quotations
5. Select Quotations
6. User Logout
```

1. User Profile

```
-------------------------------------------
--------------User HomePage----------------
-------------------------------------------
1. View Profile
2. Change Password
3. Send Plan Request
4. View Quotations
5. Select Quotations
6. User Logout
1
-------------- View Profile----------------
DateOfBirth: 2012-12-12
Status: active
Department: WholeSaleIT
DateOfJoining: 2012-12-12
Email: karan@gmail.com
Fullname: G Karan
Mobile: 947609485
username: karan2001
Location: PortBlair
```

2.Change Password

```
-------------------------------------------
--------------User HomePage----------------
-------------------------------------------
1. View Profile
2. Change Password
3. Send Plan Request
4. View Quotations
5. Select Quotations
6. User Logout
2
-------------- Change Password---------------
Enter new Password:
1234567890
Password changed succesfully
```

3.Send Plan Request

```
-------------------------------------------
--------------User HomePage----------------
-------------------------------------------
1. View Profile
2. Change Password
3. Send Plan Request
4. View Quotations
5. Select Quotations
6. User Logout
3
------------Send Plan Request-------------
Enter from date[YYYY-MM-DD]:
2023-09-20
Enter to date[YYYY-MM-DD]:
2023-09-25
Enter list of Service[Decoration Photography Catering]:
Decoration Photography Catering
Enter no of person(more then 30):
100
Enter other Service:
etc
Request created
```

2. View Quotation

```
-------------------------------------------
--------------User HomePage----------------
-------------------------------------------
1. View Profile
2. Change Password
3. Send Plan Request
4. View Quotations
5. Select Quotations
6. User Logout

4
------------View Quotation-------------
Quotation [quotationID=7, quotationEstimatedAmount=16050.0, planRequestID=7, quotationStatus=Pending, packageid=1, packageType=basic]
Quotation [quotationID=8, quotationEstimatedAmount=210000.0, planRequestID=7, quotationStatus=Accepted, packageid=5, packageType=premium]
Quotation [quotationID=16, quotationEstimatedAmount=15950.0, planRequestID=7, quotationStatus=Pending, packageid=3, packageType=classic]
```

3. Select Quotation

```
-------------------------------------------
--------------User HomePage----------------
-------------------------------------------
1. View Profile
2. Change Password
3. Send Plan Request
4. View Quotations
5. Select Quotations
6. User Logout
5
------------Select Quotationst-------------
Enter quotationId and select[Accepted/Pending/Rejected]:
7
Rejected
1
Quotation Rejected
```

4. User Logout

```
-------------------------------------------
--------------User HomePage----------------
-------------------------------------------
1. View Profile
2. Change Password
3. Send Plan Request
4. View Quotations
5. Select Quotations
6. User Logout
6
User Logout..
-------------------------------------------
```

4. Again back to mainmenu -> choose 4 for **user registration**

```
-------------------------------------------
******************INOVATEX******************
-------------------------------------------
1. Admin Login
2. Vendor Login
3. User Login
4. User Registration
5. Exit Application
Enter choice:
4
-------------------------------------------
-------------User Registration-------------
-------------------------------------------
Enter Username:
rohan
Enter Password:
123
Enter FullName:
rohan kumar
Enter DateOfBirth[YYYY-MM-DD:
2000-10-12
Enter Department:
business
Enter Mobile:
9876543210
Enter Email:
rohan@gmail.com
Enter Location:
hyd
User register Successfully
```

Testcase

1.Planned date should not be less then current date

```
-------------------------------------------
--------------User HomePage----------------
-------------------------------------------
1. View Profile
2. Change Password
3. Send Plan Request
4. View Quotations
5. Select Quotations
6. User Logout
3
------------Send Plan Request-------------
Enter from date[YYYY-MM-DD]:
2023-06-11
From date should be greater  then today's date!!
-------------------------------------------
```

2.No of persons in plan creation sholud always be greater than 30

```
-------------------------------------------
--------------User HomePage----------------
-------------------------------------------
1. View Profile
2. Change Password
3. Send Plan Request
4. View Quotations
5. Select Quotations
6. User Logout
3
------------Send Plan Request-------------
Enter from date[YYYY-MM-DD]:
2023-09-17
Enter to date[YYYY-MM-DD]:
2023-09-19
Enter list of Service[Decoration Photography Catering]:
Decoration Photography
Enter no of person(more then 30):
10
Number of person should be more then 30!!
```

3.**Non-activated user should not send event plan request**

```
-------------------------------------------
-----------------User Login----------------
-------------------------------------------
Username:
rohan
Password:
123
Login Successfully...
-------------------------------------------
--------------User HomePage----------------
-------------------------------------------
1. View Profile
2. Change Password
3. Send Plan Request
4. View Quotations
5. Select Quotations
6. User Logout
3
------------Send Plan Request-------------
-------------------------------------------
User is Non-active!!
```

4. **Admin login errors**

```
------------------------------------------
******************INOVATEX******************
------------------------------------------
1. Admin Login
2. Vendor Login
3. User Login
4. User Registration
5. Exit Application
Enter choice:
1
------------------------------------------
----------------Admin Login----------------
------------------------------------------
Username:
admin12
Password:
23
Admin not found..
Login Unsuccessfully...
```

```
------------------------------------------
******************INOVATEX******************
------------------------------------------
1. Admin Login
2. Vendor Login
3. User Login
4. User Registration
5. Exit Application
Enter choice:
1
------------------------------------------
----------------Admin Login----------------
------------------------------------------
Username:
admin1
Password:
232
Admin Password not match...
Login Unsuccessfully...
```

5. **User login errors**

```
------------------------------------------
******************INOVATEX******************
------------------------------------------
1. Admin Login
2. Vendor Login
3. User Login
4. User Registration
5. Exit Application
Enter choice:
3
------------------------------------------
-----------------User Login-----------------
------------------------------------------
Username:
fdfgf
Password:
324
User not found in database..
```

6. **Vendor login errors**

```
-------------------------------------------
******************INOVATEX******************
-------------------------------------------
1. Admin Login
2. Vendor Login
3. User Login
4. User Registration
5. Exit Application
Enter choice:
2
-------------------------------------------
---------------Vendor Login----------------
-------------------------------------------
VendorId:
3
Password:
dfsdf
Vendor Password not match...
Login Unsuccessfully...
-------------------------------------------
```

```
-------------------------------------------
******************INOVATEX******************
-------------------------------------------
1. Admin Login
2. Vendor Login
3. User Login
4. User Registration
5. Exit Application
Enter choice:
2
-------------------------------------------
---------------Vendor Login----------------
-------------------------------------------
VendorId:
2
Password:
fgdf
vendor not found...
Login Unsuccessfully...
```