

Mini Project

Topic:Employment Exchange (Abstract, Table Design, UML Diagram, Prototype)

Submitted By:

Avani P A

S3RMCA-A

Roll No:32

ABSTRACT

Employment Exchange System

The main objective of the employment exchange project is for the better performance of employment exchange service and to manage that services through computerized system. And monitoring the activities. The employment exchange provides employment assistance to job seekers. Candidates registered with an employment exchange are sponsored to employers for recruitment to vacancies notified or advertised. And also ascertaining the eligibility of renewal of the employment exchange registration card of the candidate through online. It mainly contain five users.

- Admin
- Officers
- Users
- Staff
- Recruiters

❖ Admin:

Overall control of the system.

❖ Staff:

Managing the data.

❖ Officers:

Control over application.

❖ Users:

View services and apply for the services according to their needs and upload and download required documents.

❖ **Recruiters:**

They are generally responsible for the recruiting process. This entails sourcing and screening candidates coordinating the interview process and facilitating offers

➤ **Admin:**

- Login
- Create services/schemes
- Manage services /schemes
- Manage staff and officers
- Get details of users

➤ **Users:**

- Register
- Login
- View services and schemes
 - a) Apply for loan
 - b) Vocational Guidance
 - c) Self Employment
 - d) Coaching cum-Guidance
 - e) Guidance for scheduled caste and scheduled tribes
 - f) Certificate registration
- Apply for services and schemes
- Manage job offers
- Status/Notification of job
- Manage Profile
- Apply for new request
- Download certificates

➤ **Staff:**

- Login

- Manage users
- View application
- Process Application
- View salary slip
- Generate Reports
- Monitoring
- Apply leave
- Manage Profile

➤ **Officers:**

- Login
- View new request from user
- Verify and Approve application
- Update status
- Manage Profile
- Apply leave
- View salary slip
- Approve for certificate
- Generate report
- Audit
- Able to recommend new services to local government bodies
- Fielding
- Manage staff
- Manage Records
- View status of staff
- Logout

➤ **Recruiters(Private /Public)**

- Register and login
- Vacancy details
- Interview details
- Manage jobseekers

Existing System:

The existing system have the disadvantages such as time consuming and expensive. The candidate must go to their respective employment exchange to get their services or scheme.

Proposed System:

These issues can be resolved by the proposed system. The process is more easier and there is no expense is required and people can know about the services, scheme without going to the employment exchange. And get their services and scheme through online mode also they can apply through online without going to employment exchange. Notifications of the jobs are made available for users. Staff can verify the documents through online and approve the application.

TABLE DESIGN

TABLE DESIGN

1)tbl_registration

Primary key : regid

Foreign key : loginid reference tbl_login

SINO	FieldName	DataType	Constraints
1	regid	Int(10)	Primarykey
2	loginid	Int(10)	Foreignkey
3	uname	Varchar(200)	NotNull
4	uaddress	Varchar(200)	NotNull
5	uphone	Int(10)	NotNull
6	emailid	Varchar(200)	NotNull
7	gender	Enum	NotNull
8	Dob	Date	NotNull
9	aadharno	Int(10)	NotNull
10	place	Varchar(200)	NotNull
11	district	Varchar(200)	NotNull
12	localbody	Varchar(200)	NotNull
13	ward	Int(10)	NotNull
14	date_of_join	Date	NotNull
15	companyname	Int(10)	NotNull
16	description	Int(10)	NotNull
17	status	Int(10)	NotNull

2)tbl_login

Primary Key : loginid

SINO	FieldName	DataType	Constraints
1	loginid	Int(10)	Primarykey
2	username	Varchar(200)	NotNull
3	password	Varchar(200)	NotNull
4	usertype	Varchar(200)	NotNull

3)tbl_cscheme

Primary Key : schemeid

SINO	FieldName	DataType	Constraints
1	schemeid	Integer(10)	Primarykey
2	name	Varchar(200)	NotNull
3	schemedescription	Varchar(200)	NotNull
4	enddate	Date	NotNull
5	criteria	Varchar(200)	NotNull
6	category	Varchar(200)	NotNull
7	status	Int(200)	NotNull

4)tbl_cservice (10th,+2,degree registration)

Primary Key : serviceid

SINO	FieldName	DataType	Constraints
1	serviceid	Integer(10)	Primarykey
2	name	Varchar(200)	NotNull
3	servicedescription	Varchar(200)	NotNull
4	enddate	Date	NotNull
5	criteria	Varchar(200)	NotNull
6	category	Varchar(200)	NotNull
7	status	Varchar(200)	NotNull

5)tbl_ascheme

Primary Key : sid

Foreign Key : schemeid reference to tbl_cscheme ,regid reference to tbl_registration

SINO	FieldName	DataType	Constraints
1	sid	Integer(10)	Primarykey
2	schemeid	Integer	Foreignkey
3	regid	Integer(10)	Foreignkey
4	applieddate	Date	NotNull
5	status	Integer(10)	NotNull

6)tbl_aservice

Primary Key : serid

Foreign Key : serviceid refrence to tbl_cservice, regid reference to tbl_registration

SINO	FieldName	DataType	Constraints
1	serid	Integer(10)	Primarykey
2	serviceid	Integer(10)	Foreignkey
3	regid	integer(10)	Foreignkey
4	applieddate	Date	NotNull
5	document	Varchar(200)	NotNull

7)tbl_officers

Primary Key : crtid

Foreignkey : cid reference tbl_designation , loginid reference tbl_login

SINO	FieldName	DataType	Constraints
1	crtid	Integer(10)	Primarykey
2	cid	Integer(10)	Foreignkey
3	loginid	Integer(10)	Foreignkey

8)tbl_designation

Primary Key : cid

SINO	FieldName	DataType	Constraints
1	cid	Integer(10)	Primarykey
2	category	Varchar(200)	NotNull

9)tbl_vaccancy

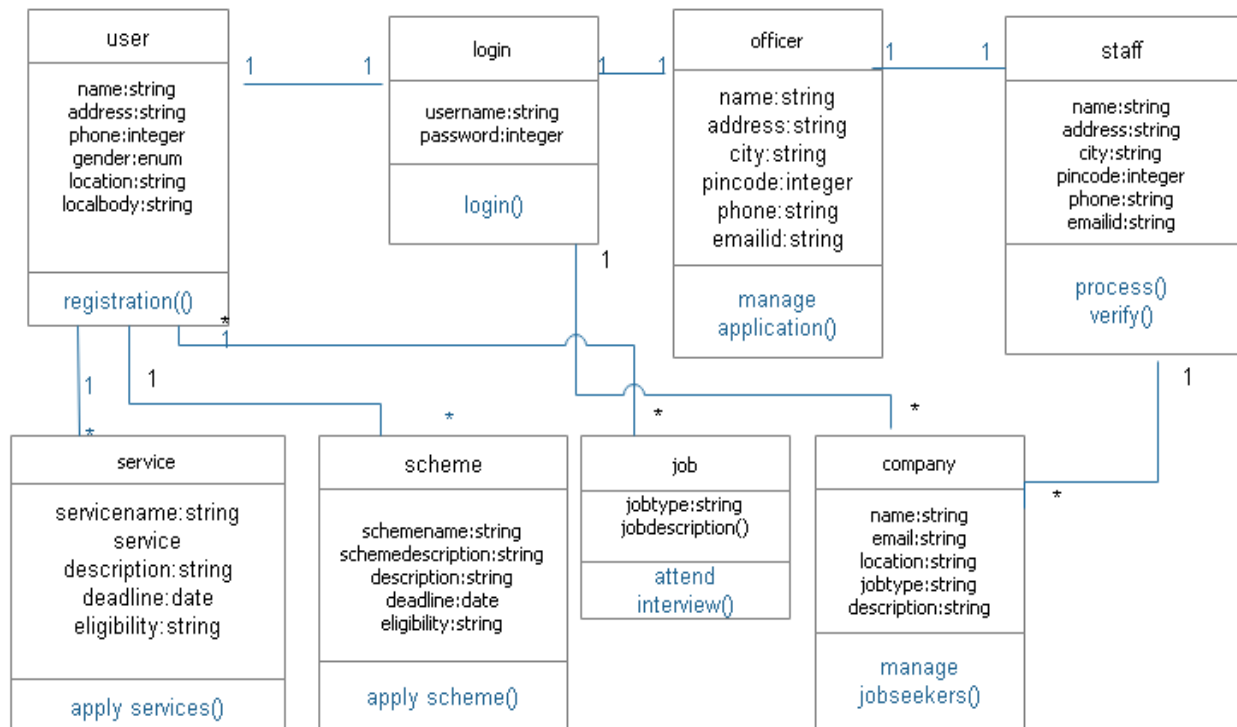
Primary Key : vid

Foreign Key :regid reference tbl_registration

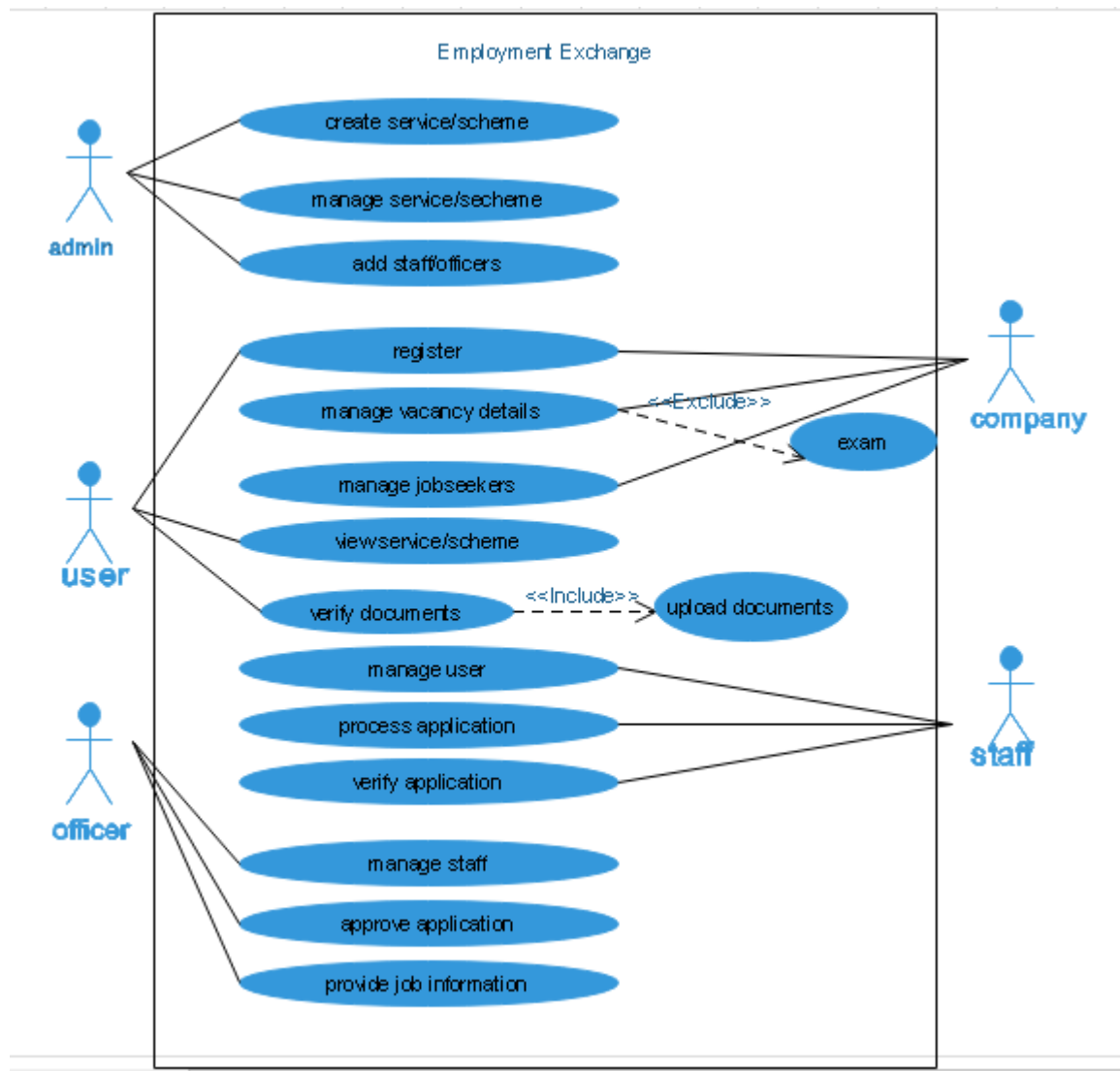
SINO	FieldName	DataType	Constraints
1	vid	Integer(10)	Primarykey
2	regid	Integer(10)	Foreignkey
3	jobtype	11varchar(200)	NotNull
4	vaccancyno	Interger(10)	NotNull
5	interview date	Date	NotNull
6	description	Varchar(200)	NotNull
7	status	Int(10)	NotNull

UML DIAGRAM

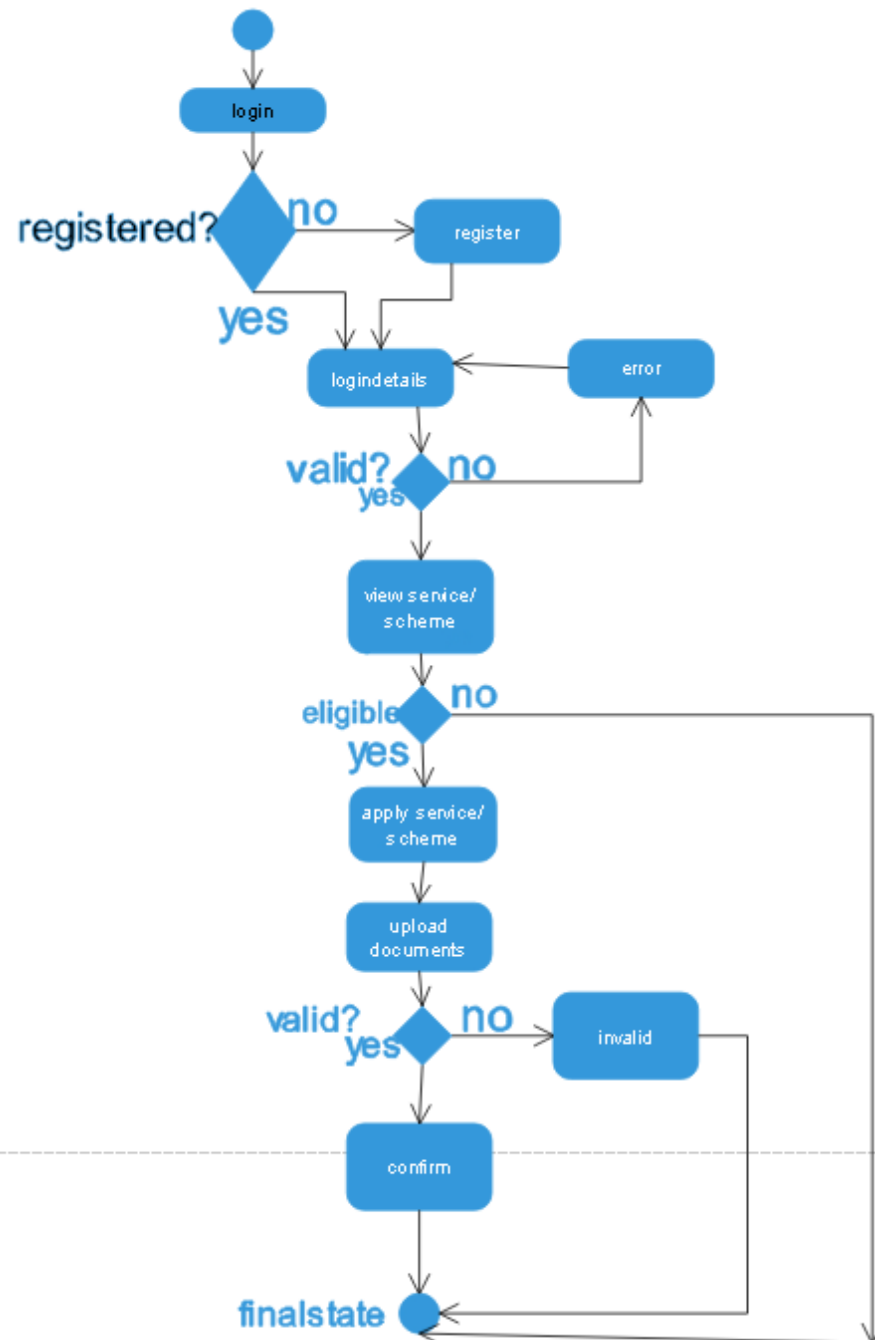
Class Diagram:



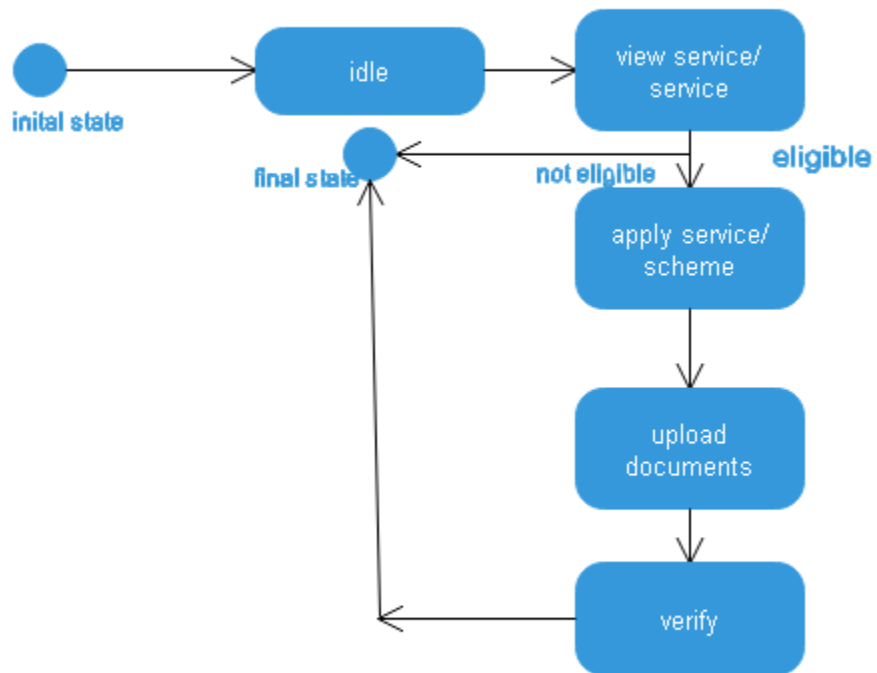
Usecase diagram:



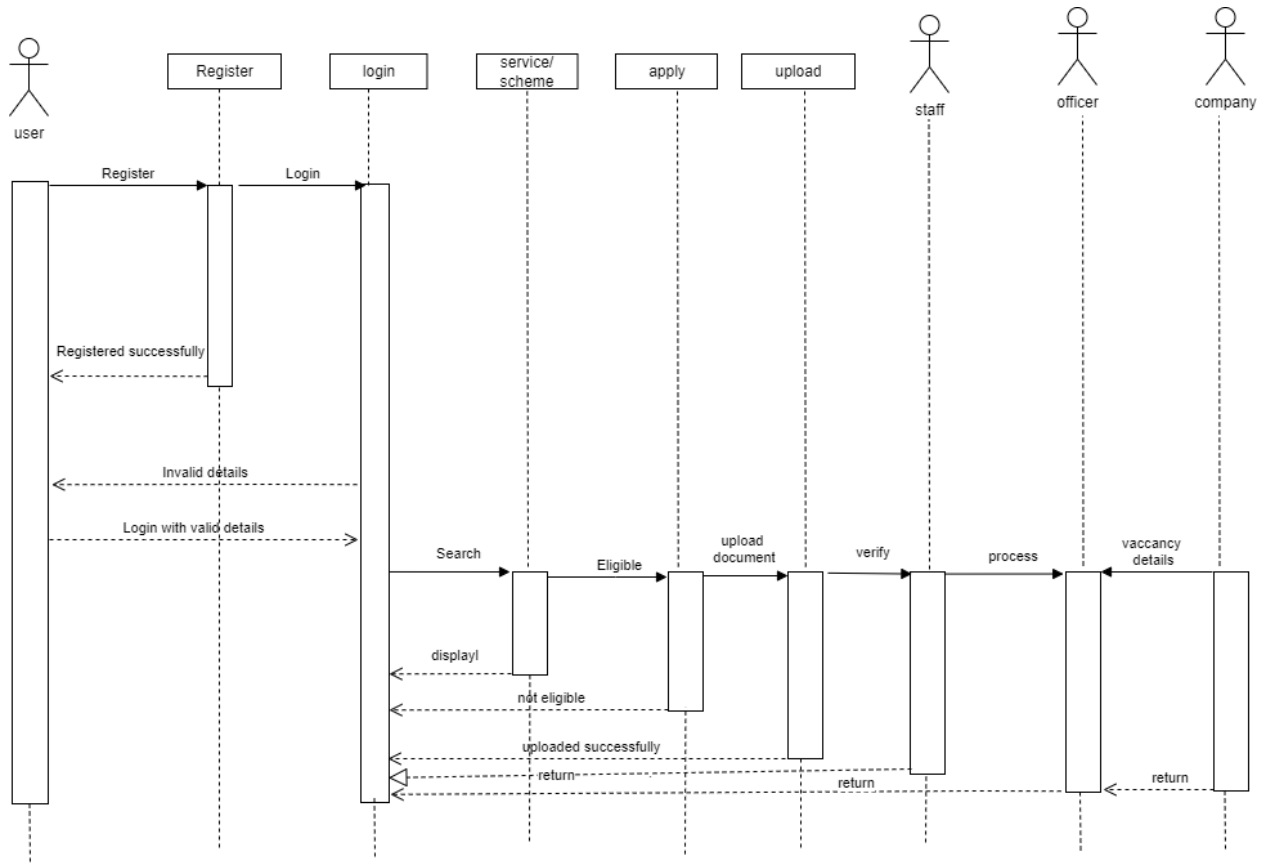
Activity Diagram



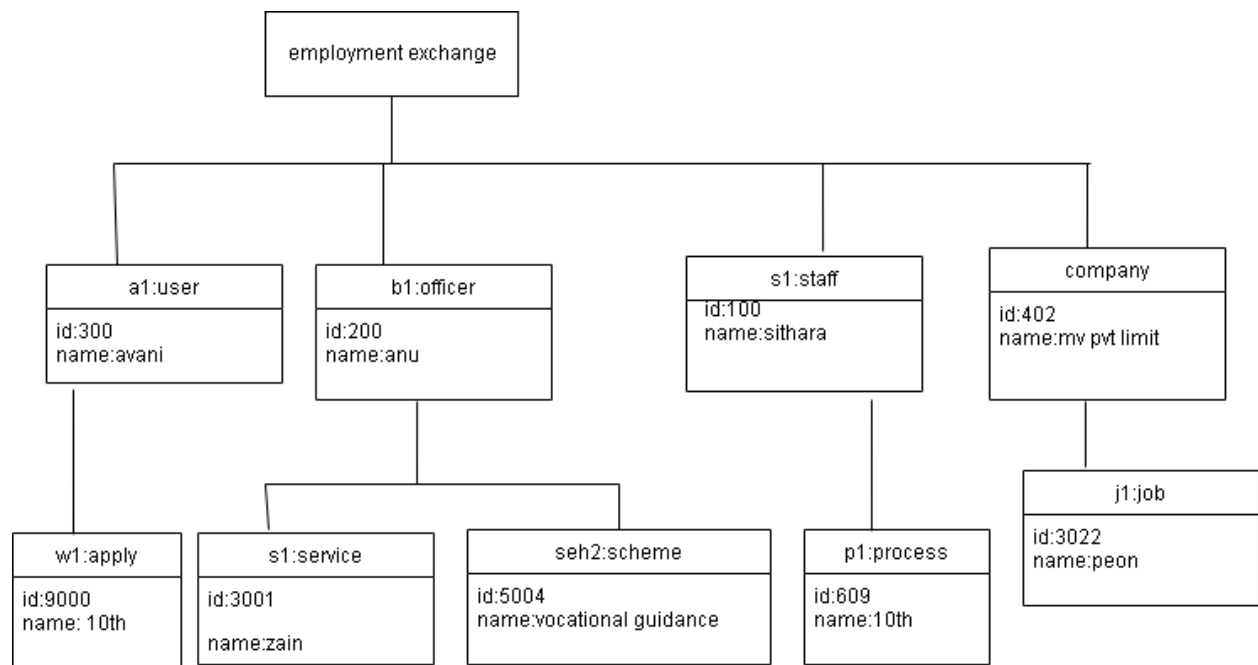
State Diagram(user)



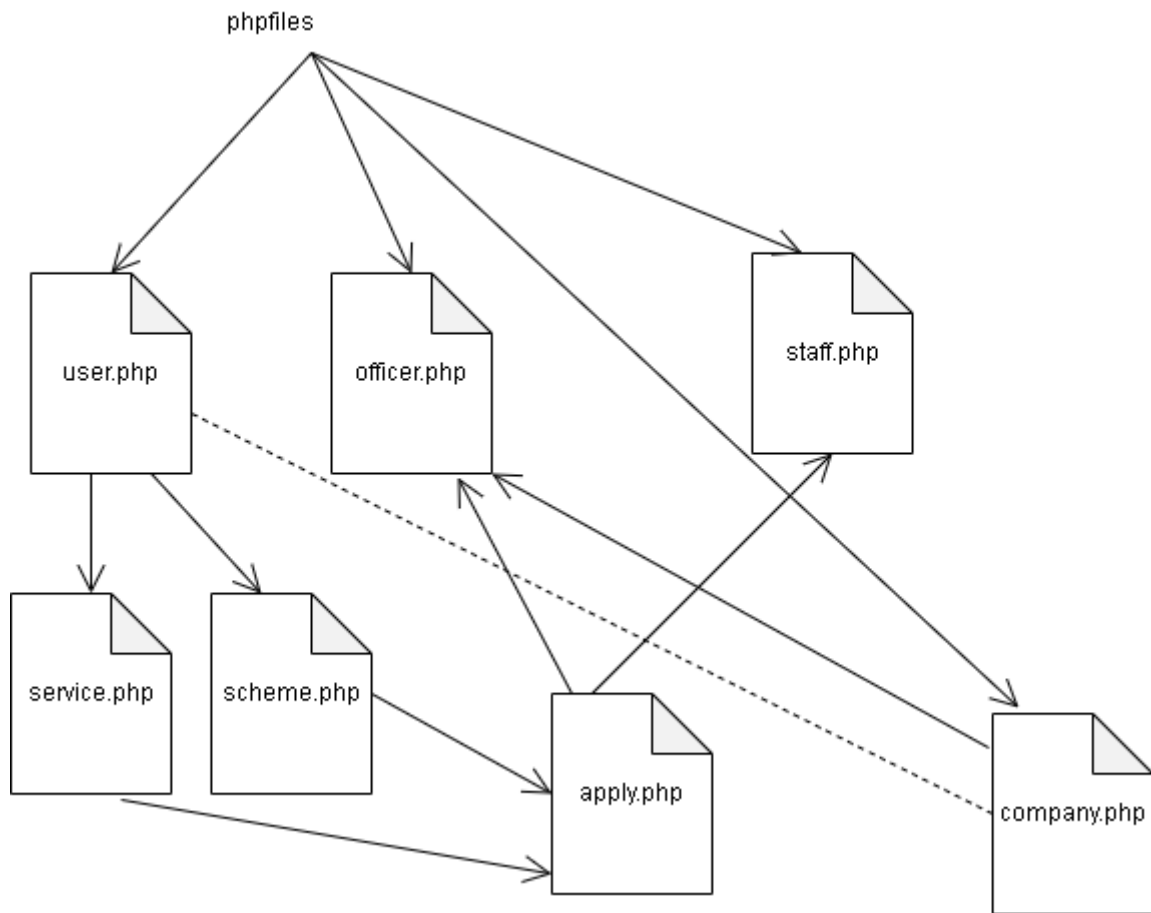
Sequence diagram



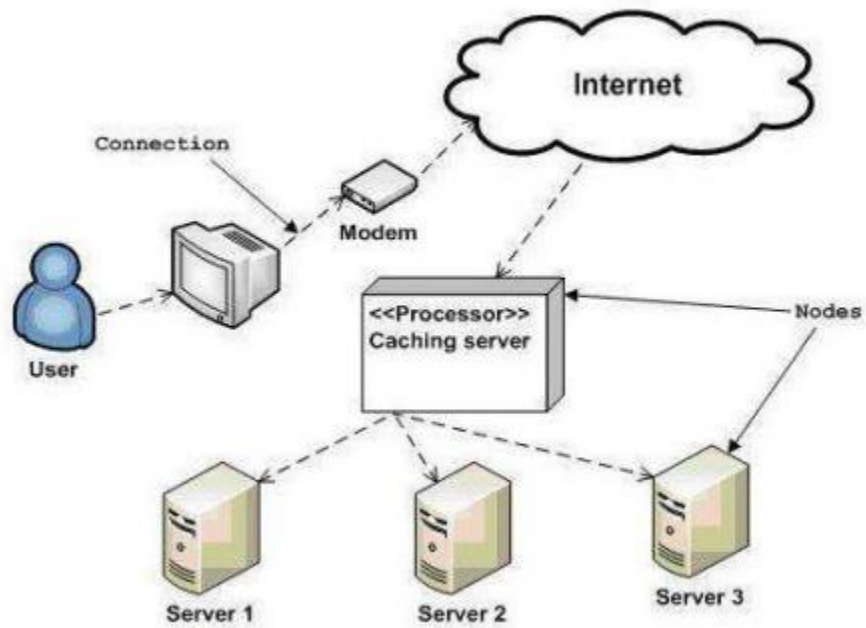
Object Diagram



Component diagram



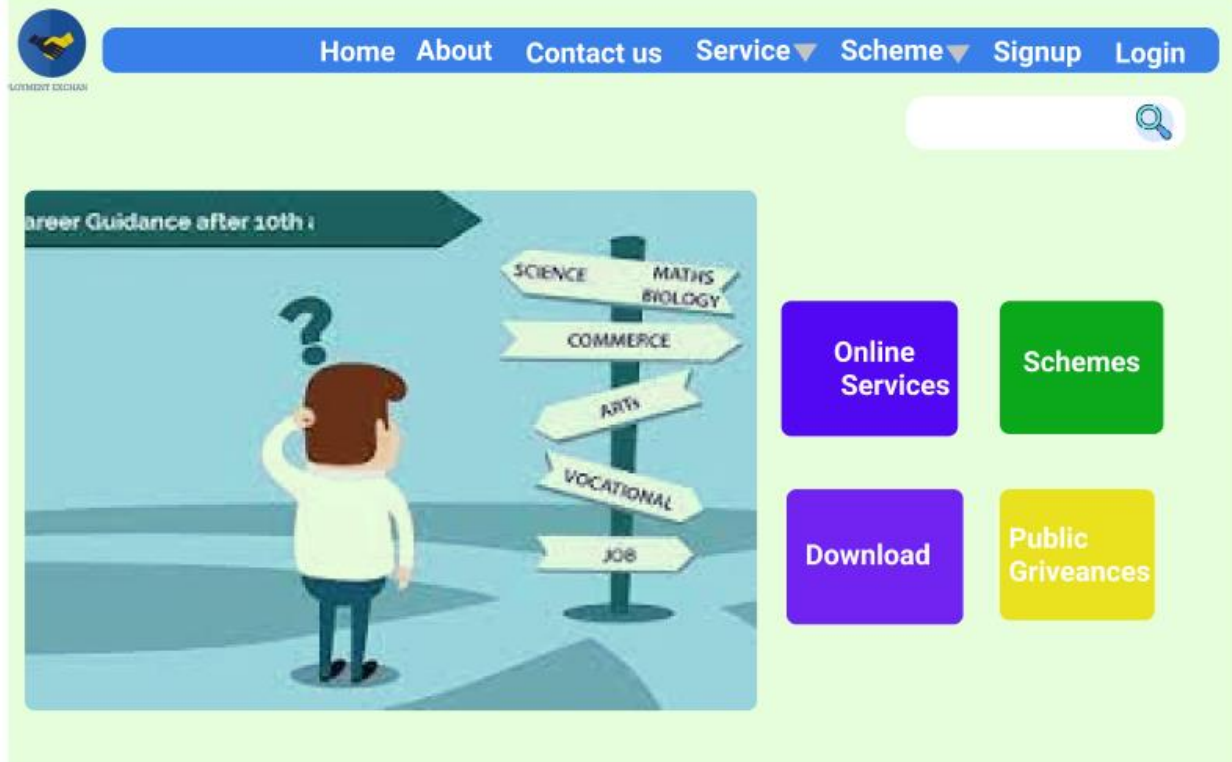
Deployment diagram



PROTOTYPE USING FIGMA TOOL

Home:

index



Register

registe



Registration

username _____

uaddress _____

uphone _____

emailid _____

gender _____

dob _____

aadhar _____

place _____

district _____

localbody _____

ward _____

password _____



Register

Already a registered user?

Signup

login

login



LOGIN

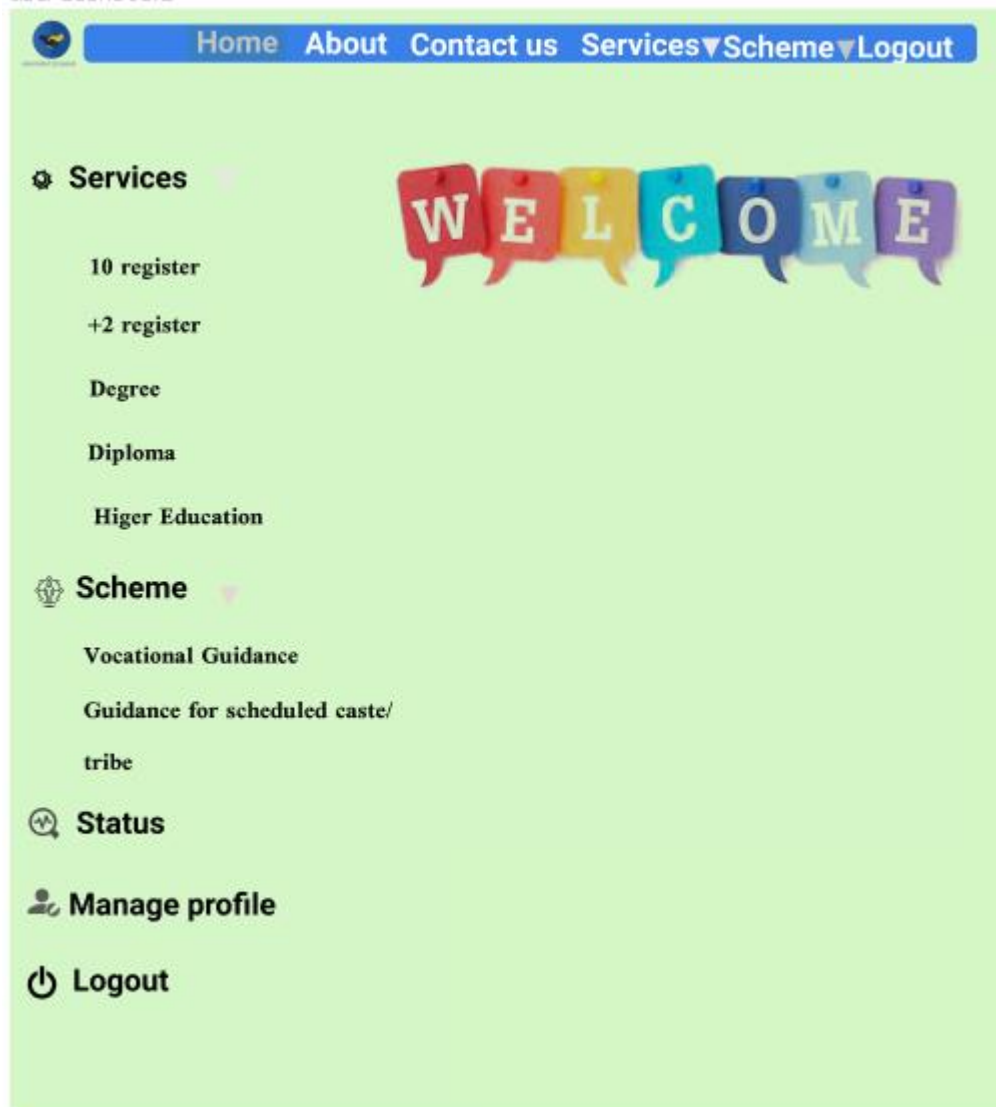
Don't have account?

Signin

LOGIN

User Dashboard

user dashboard



The screenshot displays a user dashboard with a light green background. At the top, a blue navigation bar contains the text 'Home', 'About', 'Contact us', 'Services▼', 'Scheme▼', and 'Logout'. Below the navigation bar, the dashboard is organized into sections. The 'Services' section, marked with a gear icon, lists '10 register', '+2 register', 'Degree', 'Diploma', and 'Higer Education'. The 'Scheme' section, marked with a document icon, lists 'Vocational Guidance' and 'Guidance for scheduled caste/tribe'. The 'Status' section, marked with a magnifying glass icon, is currently empty. The 'Manage profile' section, marked with a person icon, is also empty. At the bottom, there is a 'Logout' button with a power icon. A large 'WELCOME' message is displayed in the center of the dashboard, with each letter in a different colored speech bubble.

Home About Contact us Services▼Scheme▼Logout

Services

- 10 register
- +2 register
- Degree
- Diploma
- Higer Education

Scheme

- Vocational Guidance
- Guidance for scheduled caste/tribe

Status

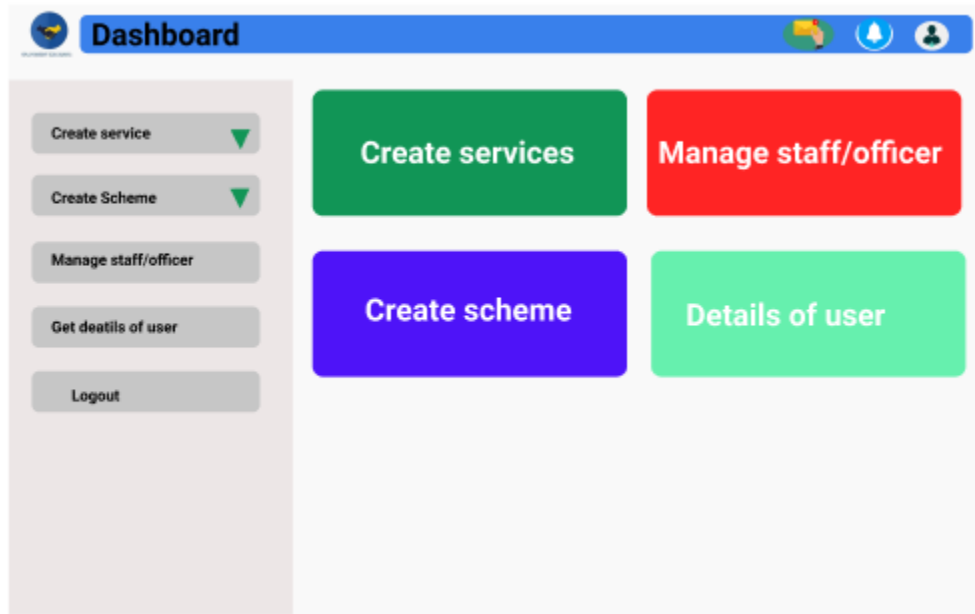
Manage profile

Logout

WELCOME

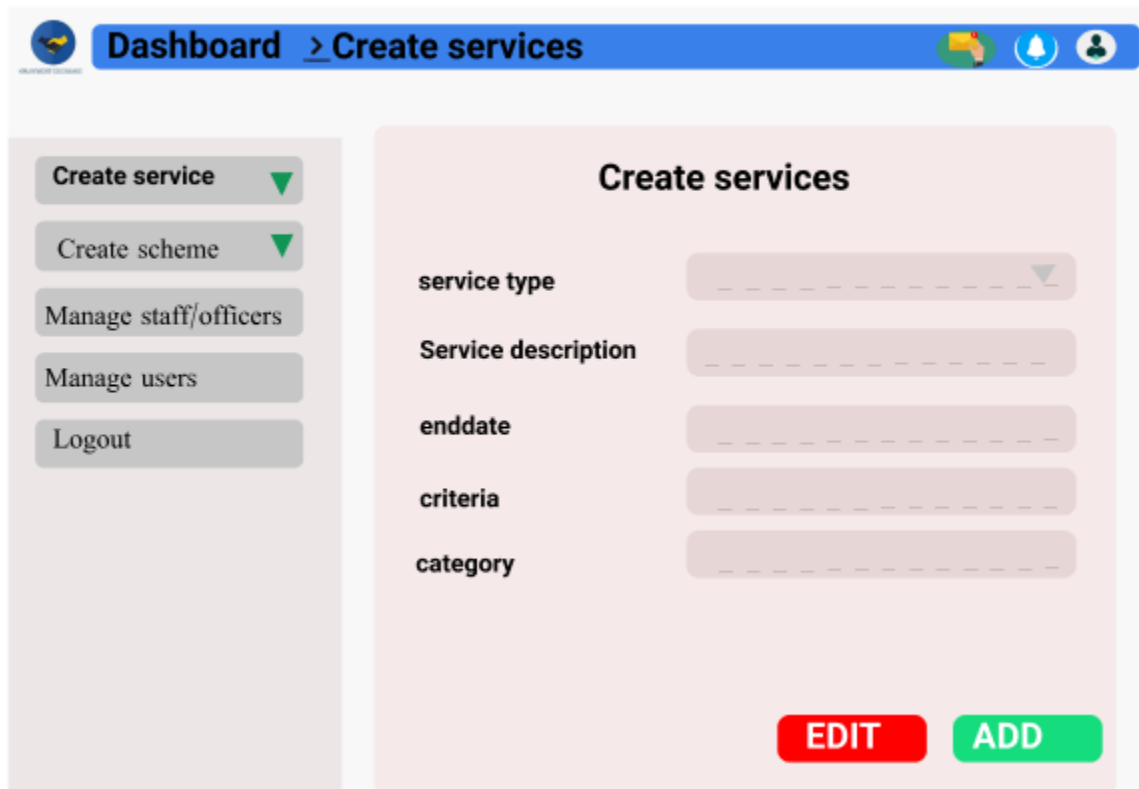
Admin Dashboard

Admin dashboard



Create services





create service



A screenshot of the "Create services" form. The top navigation bar is blue with a logo on the left, the text "Dashboard > Create services" in the center, and three icons (a folder, a bell, and a user) on the right. On the left side, there is a vertical menu with five items: "Create service" (with a dropdown arrow), "Create scheme" (with a dropdown arrow), "Manage staff/officers", "Manage users", and "Logout". The main content area is titled "Create services" and contains five input fields: "service type" (a dropdown menu), "Service description" (a text input), "enddate" (a date input), "criteria" (a text input), and "category" (a text input). At the bottom right of the form, there are two buttons: "EDIT" (red) and "ADD" (green).

Create Scheme

create scheme

 **Dashboard** > **Create scheme**   

Create service ▼

Create scheme ▼

Manage staff/officers

Manage users

Logout

Create scheme

scheme type

Scheme description

enddate

criteria

category

EDIT

ADD

Company Dashboard

company dashboard

