

Project Report On

Job Portal

In Partial Fulfilment Of
Bachelor Of Computer Applications (B.C.A.)
Gujarat University (2021-23)



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Submitted To :



**SHRI CHIMANBHAI PATEL INSTITUTE OF COMPUTER
APPLICATIONS**

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Acknowledgements

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- I would like to acknowledge the support of the academic staff of the Shri Chimanbhai Patel Institute Of Computer Applications for their support throughout my graduate studies.
- I would like to thank my beloved friends for being there for me during my odds. Thank you for your strong belief in me.

Introduction To Project

- Job Search Portal is a web application, which serves jobseekers to find available job vacancies and Employers to identify eligible job seekers with the prospect of selecting the most qualified candidates
- The only way to select best-qualified candidate is to have a pool of eligible applicants, which is possible by drawing the interest of individuals in the market.
- Job search portals best serve this purpose

Modules Of System

- Admin
- Job Seeker
- Job Provider

FUNCTIONALITIES OF ADMIN

- Manage job seeker details
- Manage job provider details
- Manage report

FUNCTIONALITIES OF Job Seeker

- Create profile
- Update profile
- See all jobs details
- Apply for job
- See the response

FUNCTIONALITIES OF Job Provider

- Create CompanyProfile
- Update Company Profile
- Add Jobs
- See the Responses
- Give the Responses

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Project Profile

- **Project Title :-** Job Dekho
- **Developed in :-** Python
- **Group No :-** 25

- **Developed By :-** Agja Dhruv(01)
Prajapati Aditya(89)
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Exisiting system

- The existingsystem for job recruitment includes traditional methods like Employment agencies, advertising through newspapers, televisions and radios, college fairs etc., which are too slow and stressful.
- Physical documents must be submitted before an interview.
- Luck of salary comparison at a type of company.

Proposed System

- ❖ Job seeker can find a job on their phone at home.
- ❖ Job seeker can should be able to Create Resume in a web site .
- ❖ List of requird documents are alredy mention and there is no need to submit physical documents.
- ❖ To ckeck job eligibility no need to visit company & verify documents.
- ❖ Salary comparison is easy.

Tools & Technology

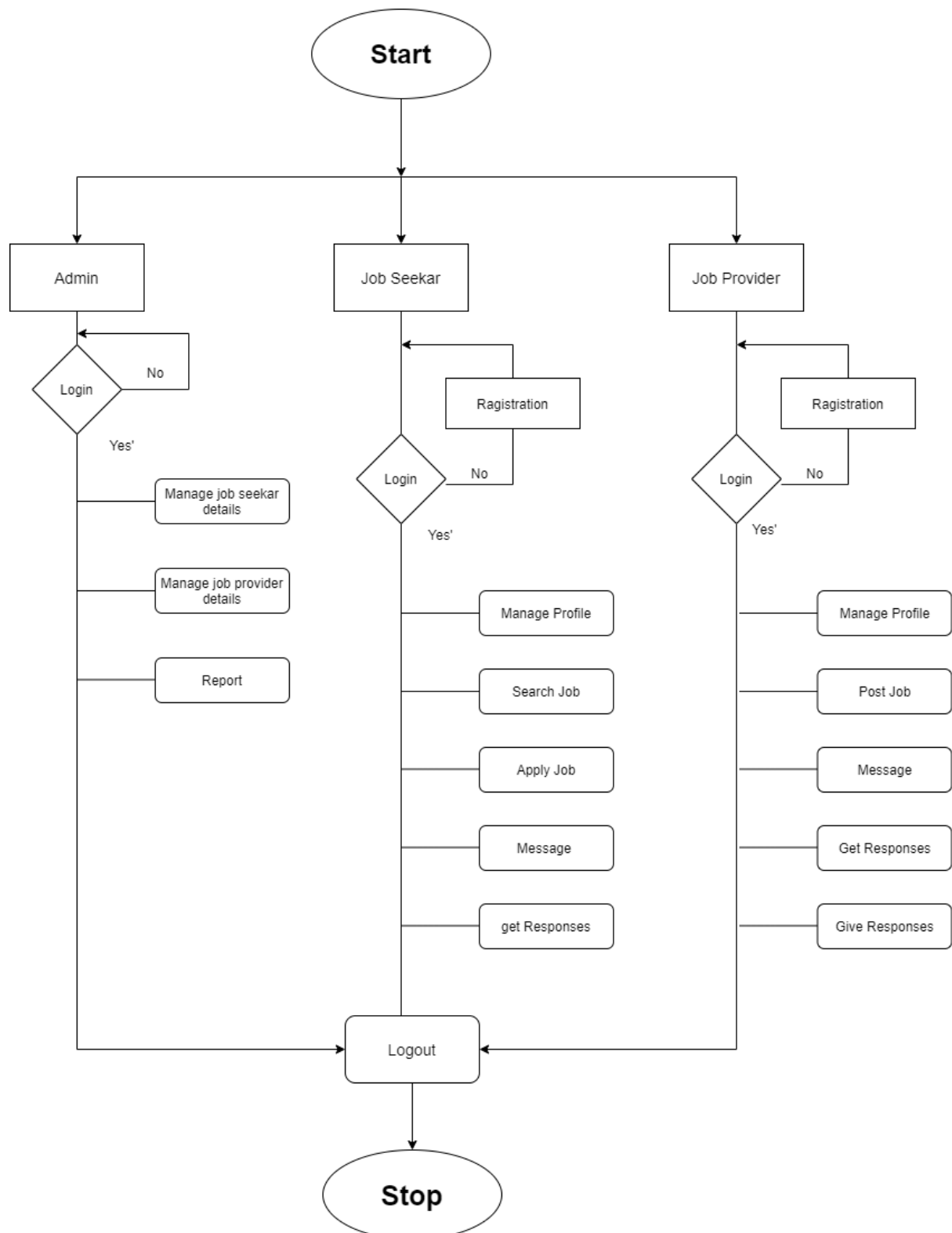
➤ Technology

- Frount End :- html,css,js,bootstrap
- Back End :- python ,Django,Mysql

➤ Tools

- Visual Studio Code
- Draw.io
- MySql

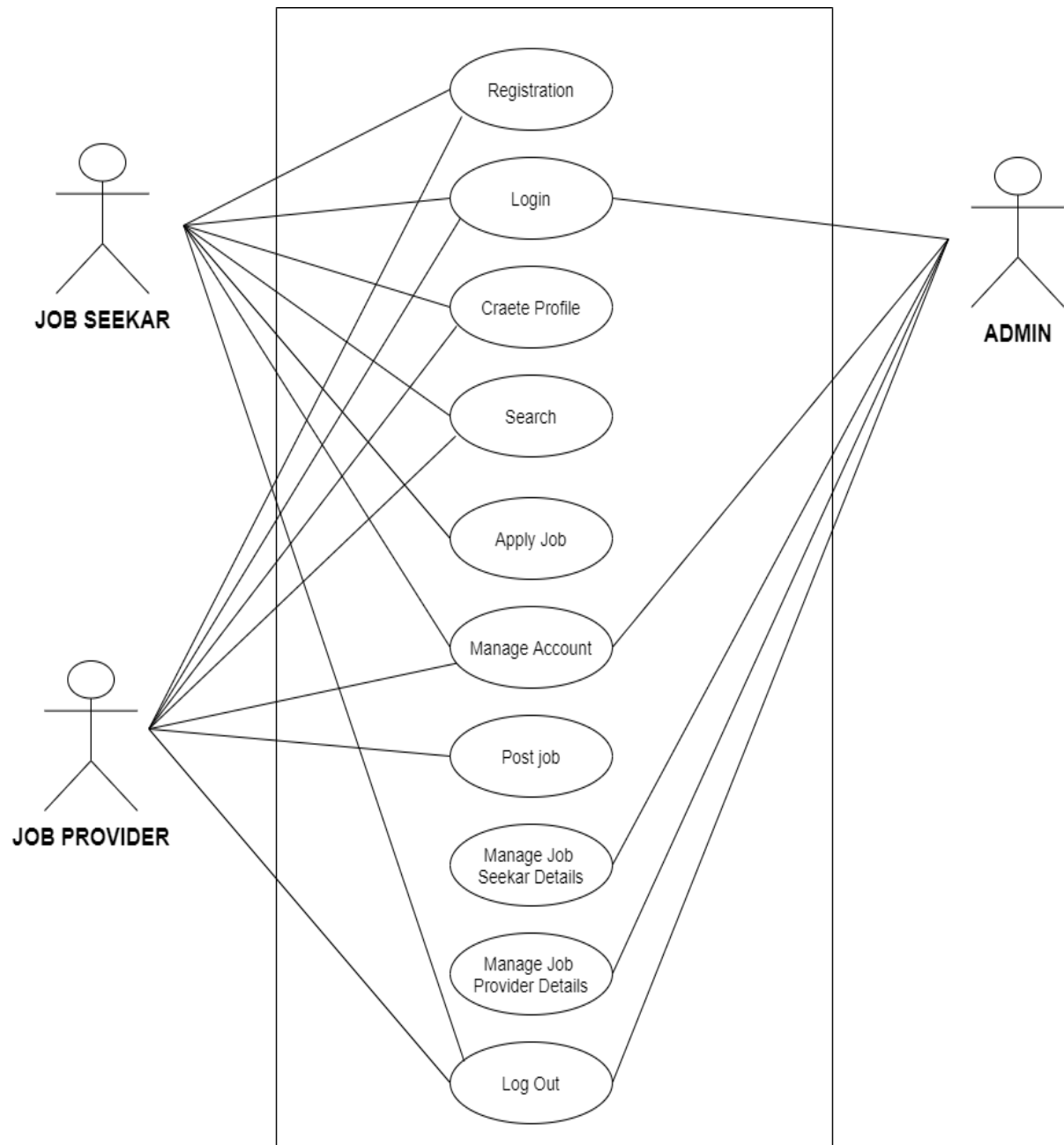
System Flow Diagram



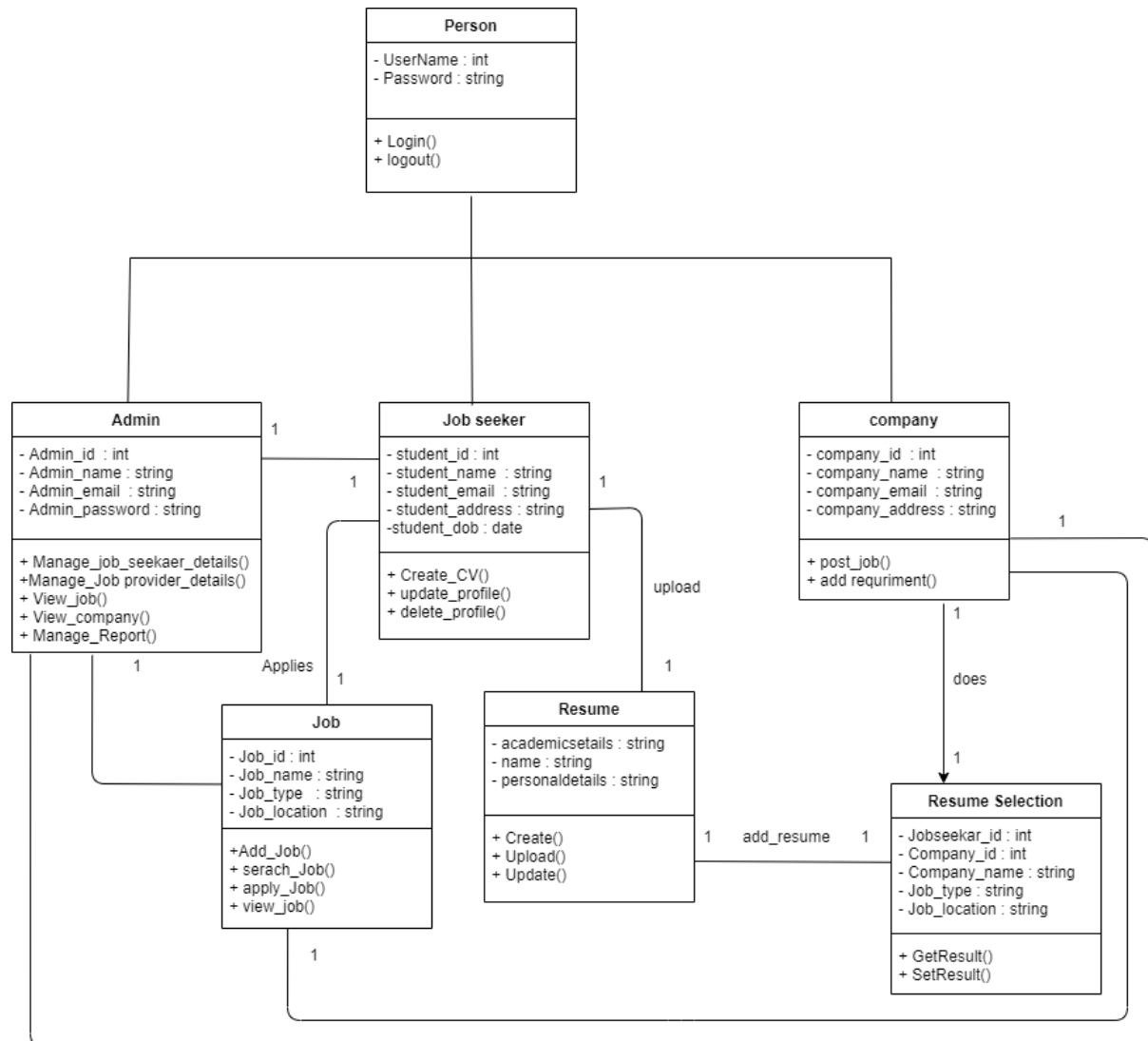
Uml Diagram

- **Use Case Diagram**
- **Class Diagram**
- **Activity Diagram**
- **Sequence Diagram**

Use case Diagram

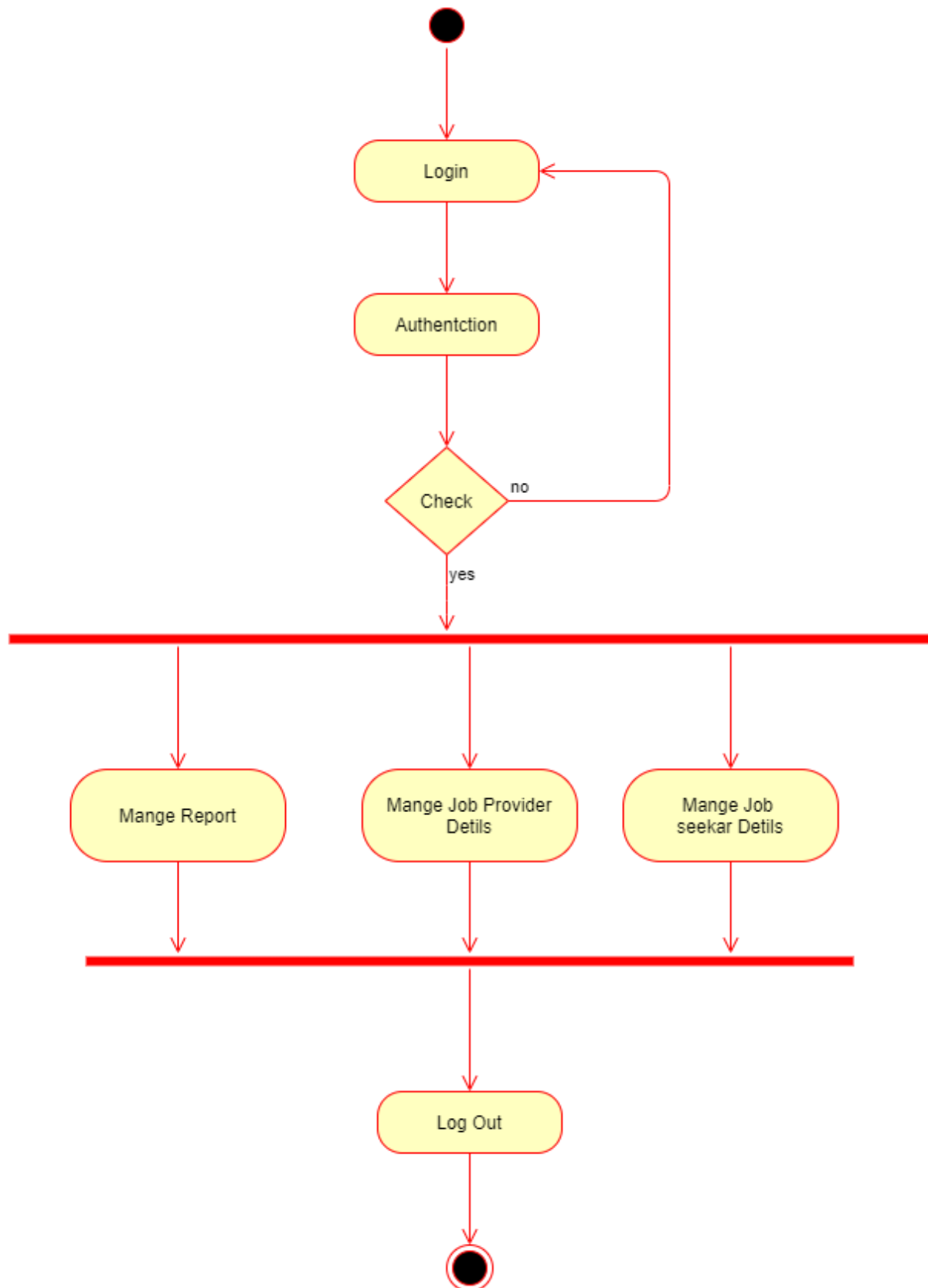


Class Diagram

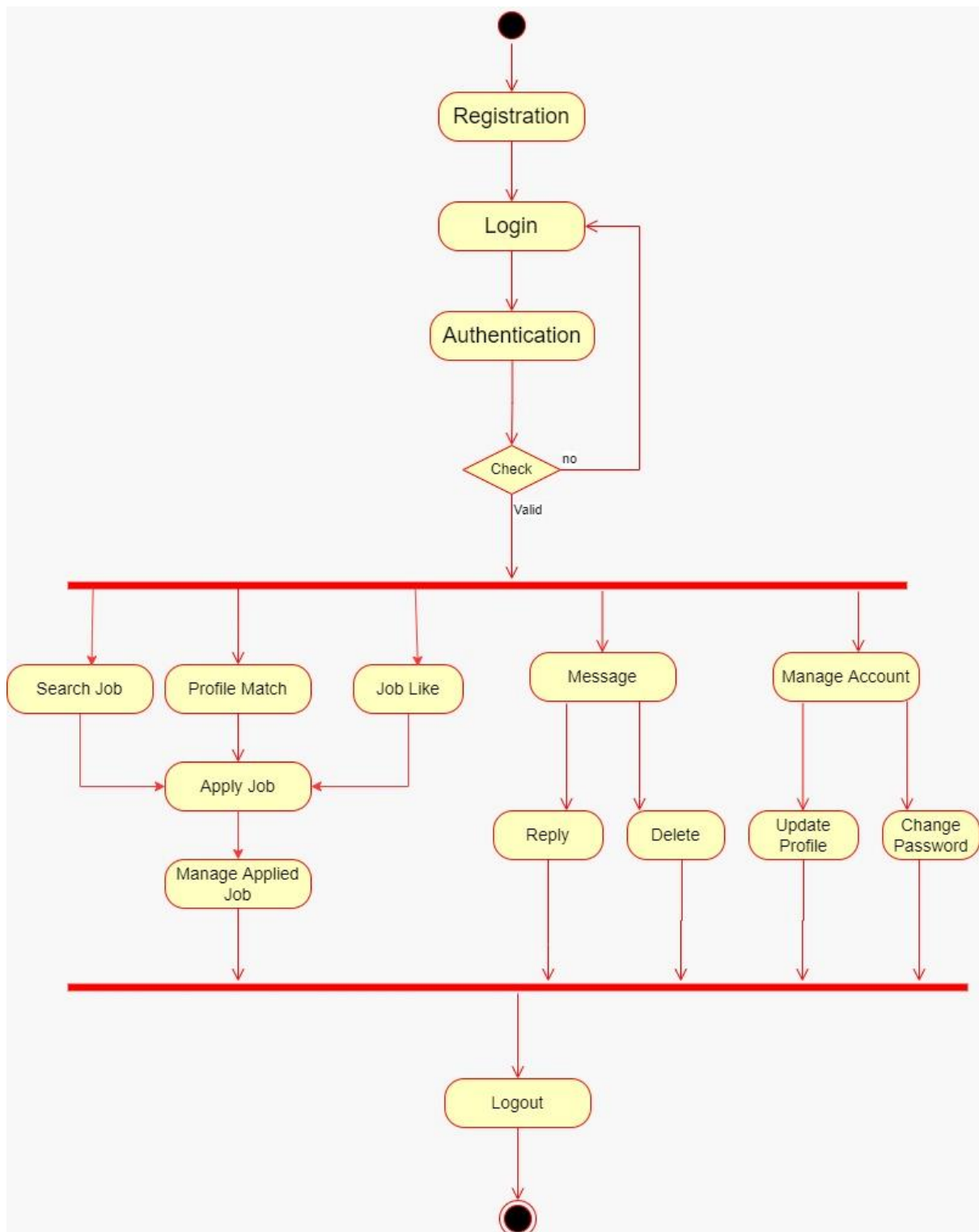


Activity Diagram

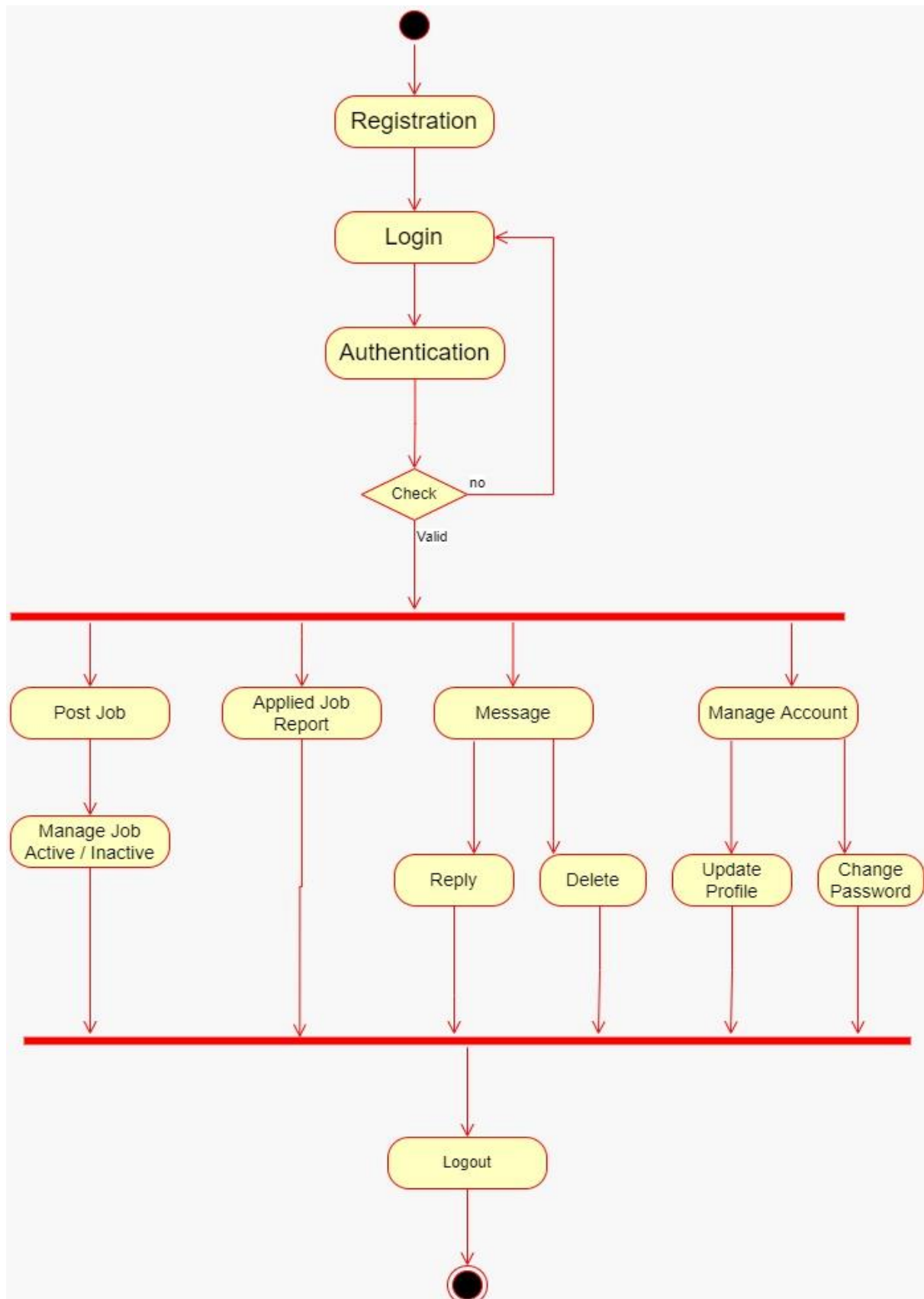
Activity of Admin



Activity of Job seeker

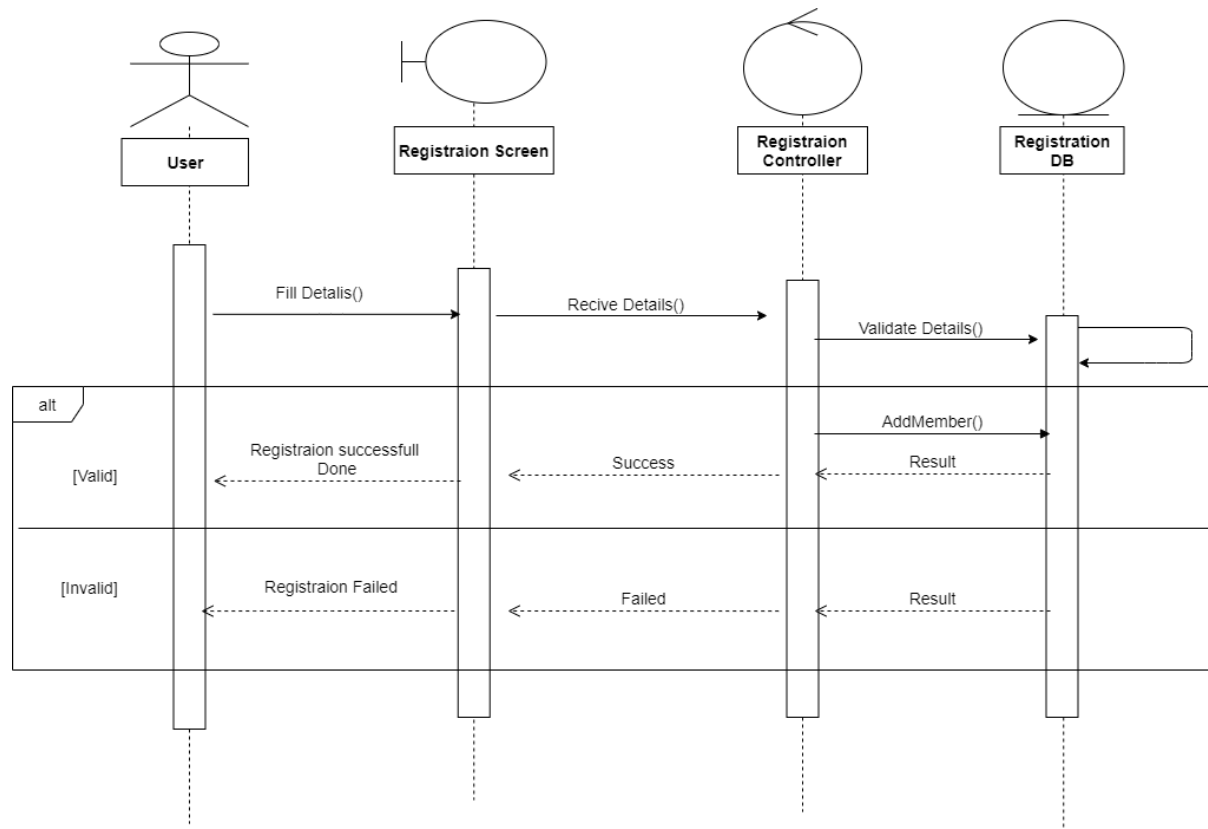


Activity of Job Provider

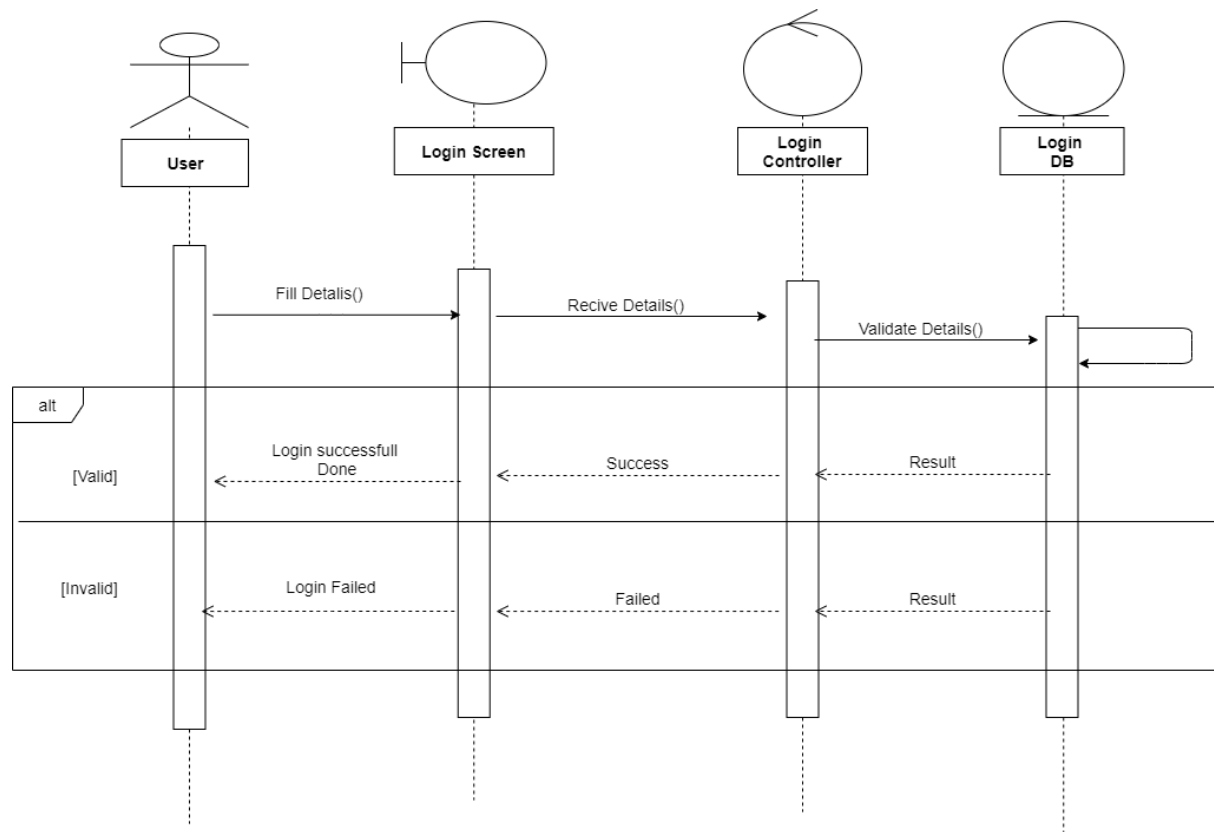


Sequence Diagram

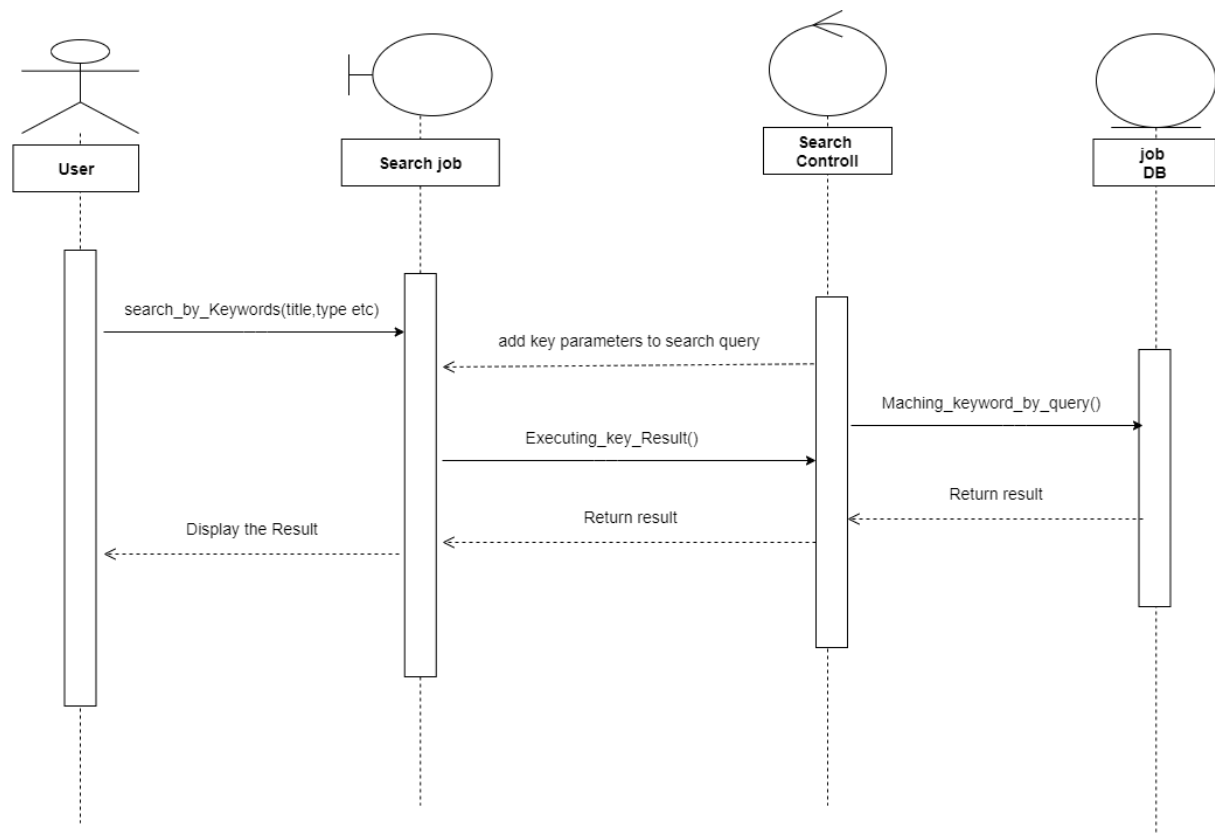
Registration



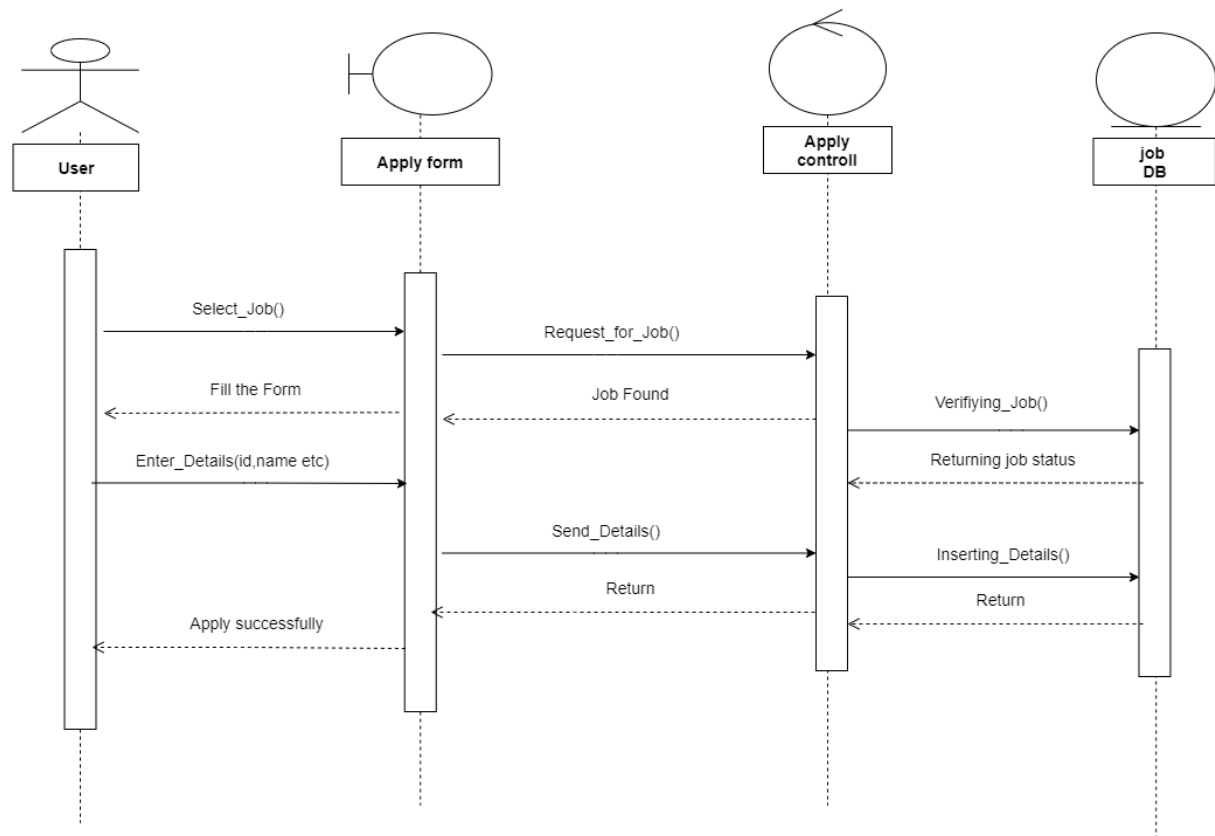
Login



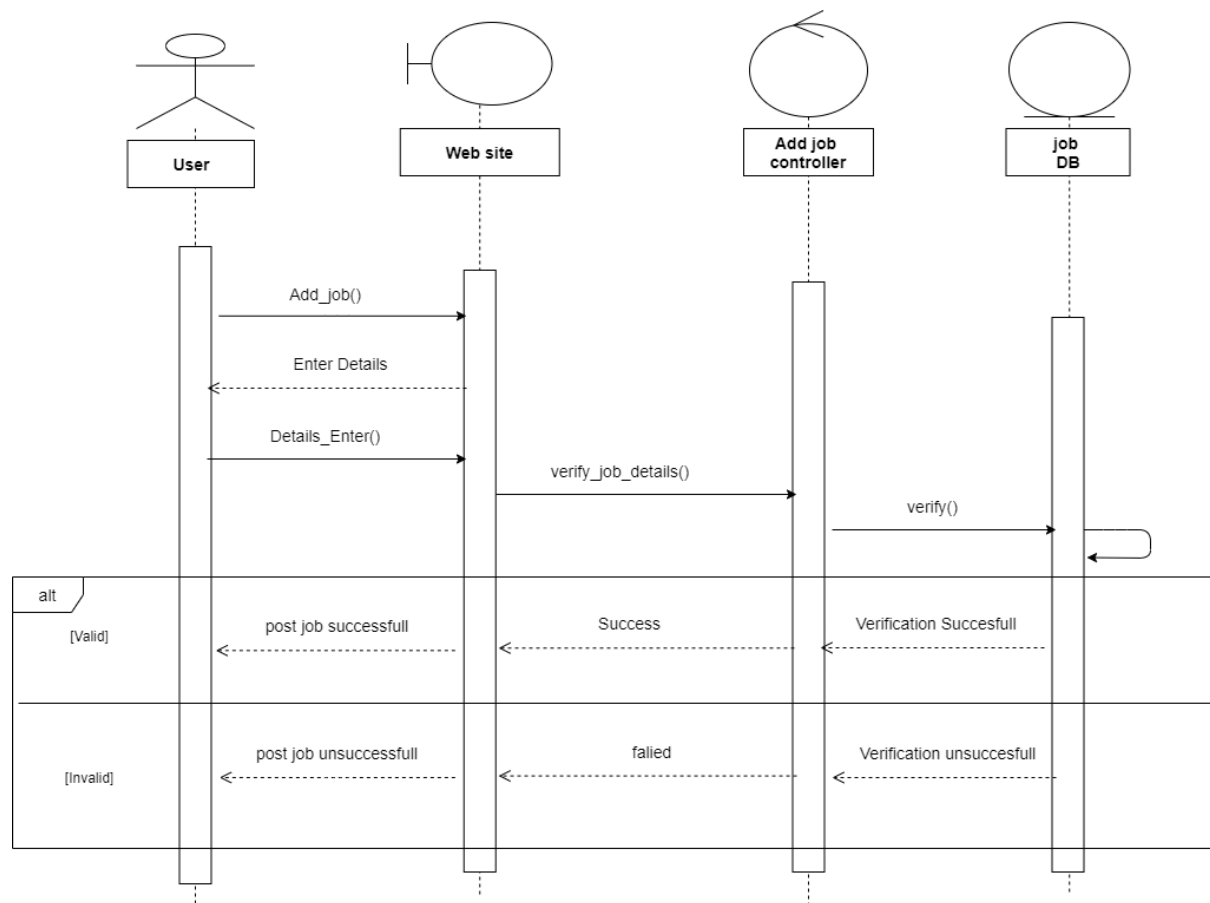
Search Job



Apply Job



Post Job



Data Dictionary

Admin Table

Field Name	Data Type	Constraints	Description
Admin_id	Int(5)	Primary Key	It store the admin id
Admin_email	Varchar(50)	Not null	It stores the admin email
Admin_name	Varchar(50)	Not null	It stores the admin name
Admin_password	Varchar(50)	Not null	It stores the admin password
role_id	Int(5)	Foreign Key	It is reference key of role table

Job seeker Table

Field Name	Data Type	Constraints	Description
js_id	Int(5)	Primary Key	It store the job seeker id
js_email	Varchar(50)	Not null	It stores the job seeker email
js_name	Varchar(50)	Not null	It stores the job seeker name
js_password	Varchar(50)	Not null	It stores the job seeker password
js_address	Varchar(50)	Not null	It stores the job seeker Address
js_Dob	Date	Not null	It stores the job seeker Dob
role_id	Int(5)	Foreign Key	It is reference key of role table

Job Provider Table

Field Name	Data Type	Constraints	Description
Company_id	Int(5)	Primary Key	It store the Company id
Company_email	Varchar(50)	Not null	It stores the company email
Company_name	Varchar(50)	Not null	It stores the company name
Company_password	Varchar(50)	Not null	It stores the company password
Company_address	Varchar(50)	Not null	It stores the Company Address
role_id	Int(5)	Foreign Key	It is reference key of role table

Job Table

Field Name	Data Type	Constraints	Description
Job_id	Int(5)	Primary Key	It store the Job id
Job_name	Varchar(50)	Not null	It stores the Job name
Job_description	Varchar(50)	Not null	It stores the Job description
Job_type	Varchar(50)	Not null	It stores the Job_type
Job_location	Varchar(50)	Not null	It stores the job location

Role Table

Field Name	Data Type	Constraints	Description
role_id	Int(5)	Primary Key	It store the role id
role_name	Varchar(50)	Not null	It store the role name

Serach Job

Field Name	Data Type	Constraints	Description
Search_id	Int(5)	Primary Key	It store the Search id
Search_title	Varchar(50)	Not null	It stores the title
Search_type	Varchar(50)	Not null	It stores the Search type
job_id	Int(5)	Foreign Key	It is reference key of Job table
Search_location	Varchar(50)	Not null	It stores the search loction

Apply Job Table

Field Name	Data Type	Constraints	Description
apply_id	integer(5)	Primary Key	It stores applied job id
Email	Varchar(50)	Not null	It stores person's email
resume	Varchar(50)	Not null	It stores person's resume
job_id	Int(5)	Foreign Key	It is reference key of Job table
apply_date	date	Not null	It stores person's applied job date

Conclusion

- At the end of this semester, we learned what is actual analysis behind the projects as well as the importance of the team work.
- Also we are confident that we have kept almost all things in mind while implementing the same.
- This is the best start of our project

Bibliography

- We have referred some websites to understand some topics and used some tools to make Data Flow Diagram, Data Dictionary and ER Diagram.
- The websites used are :
 - (1) www.google.com
 - (2) www.w3schools.com
- The tools used are:
 - (1) Draw.io
 - (2) Microsoft Power Point
 - (3) Microsoft Word
- The books referred are:
 - (1) Core Python Programming
 - (2) Python Tutorial