

PLACEMENT PORTAL

(Topic- Job search)

Introduction-

2020 started with a bang but who had known about the COVID pandemic that would even continue in 2021. The impact of coronavirus pandemic on India has been largely disruptive in terms of economic activity. A poll of 12,430 people for the World Economic Forum showed 54 per cent are concerned that their employment will cease in the next year. The college students who had hoped to have received a job in their final year too got disappointed. The final year as well as the pre-final year students are mostly in search of jobs since most of the reputed companies which intended to visit their campus did not show up.

Thus the college students are left with no other option but to hunt for the off campus opportunities. As a solution to this problem, the website displays the available hiring options for the job seekers and an easy way out for them to scroll through their interests.

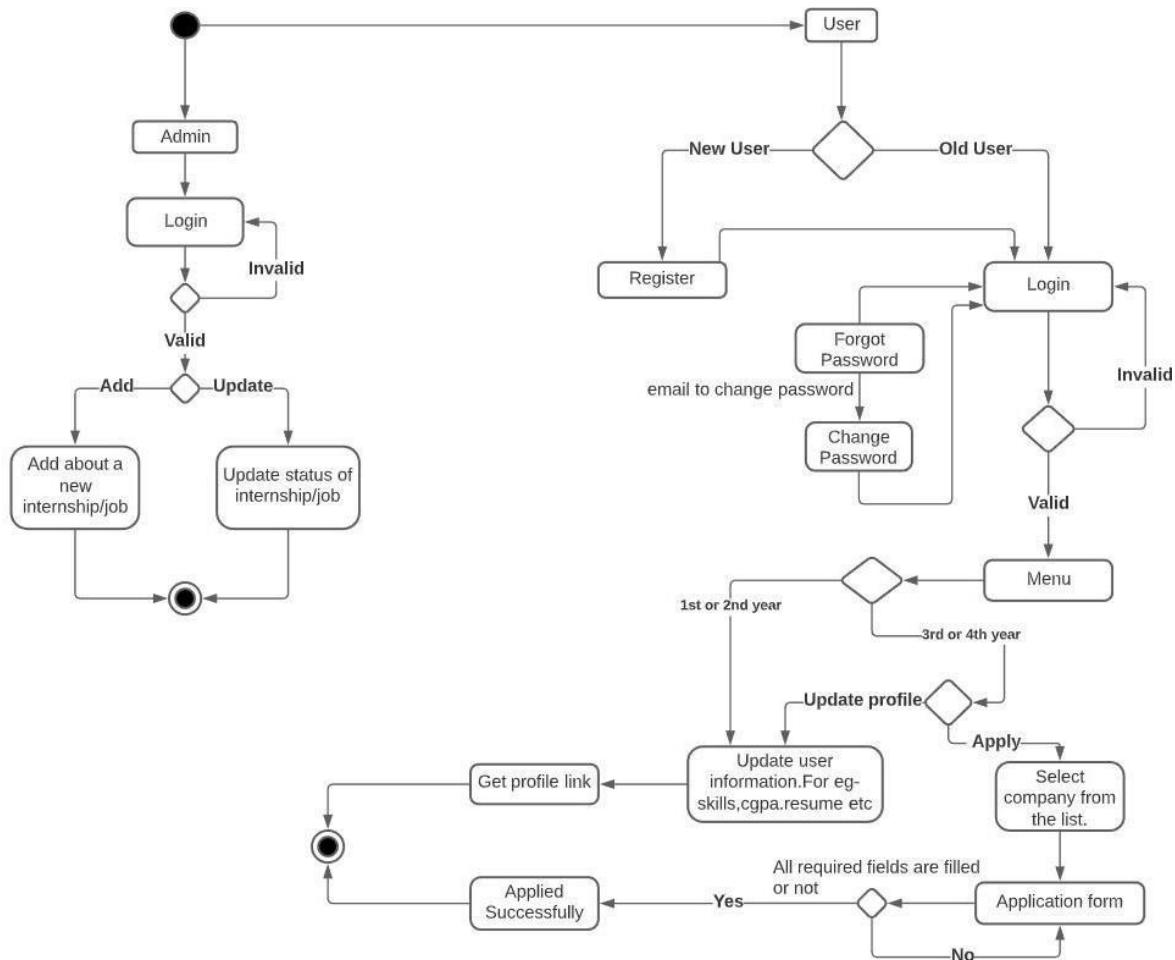
Technology used-

1. Front-end software: HTML, CSS, and JavaScript
2. Back-end software: NodeJS
3. Database : MongoDB

Software Used	Description
Backend	We have chosen Node.js , a javascript framework, for developing the backend.
DataBase	To save data, we have chosen a MongoDB database.
UI Layout	For visuals we are using Bootstrap and jQuery which are libraries of HTML, CSS, and JavaScript respectively.

Activity Diagram -

An activity diagram portrays the control flow from a start point to a finish point showing the various decision paths that exist while the activity is being executed. We can depict both sequential processing and concurrent processing of activities using an activity diagram.



Currently I have used mongoDB database in my project.

There are various job search websites available these days like indeed etc. One drawback is that there are so many recruiters putting the same job.

I have also done web scraping which helps to retrieve data from website and store the jobs in a csv file. Further many machine learning and NLP algorithms can be applied on the csv file.

Future Scope-

- 1.Send email alerts to users on job openings
- 2.Special section for diversity hiring of Women
- 3.Can also add option to interview the candidate
- 4.Depict percentage fitness of a candidate for a job by resume matching based on specifics skills(keywords)
- 5.Tips to improve skills
- 6.Highly suggested jobs
7. Option to connect with career counsellor
- 8.Show an option and date if u have applied on this position previously