**ONLINE JOB PORTAL**

**Project objectives:**

The objective of this project is to help the eligible job seekers to find jobs best suited for them in the best possible way, also it allows the companies to publish their job vacancies and find the best suited employees for the job

**MODULES:**

It would be having the following modules:

1. Admin
2. Employee
3. Employer
4. Notification
5. Search
6. Authentication
7. **Admin:** This module will be maintaining a database holding information of all the users registered in the portal, including, email id, password, username, personal info etc. Updating the database if there is change in the information added to the page, uploading another resume (in case of employee), deleting the account if the user wishes it.
8. **Employee:** This module will be registering to create the account on the portal. It will be performing the following functions – creating the profile as per the guidelines of the admin, initiate a job alert indicating that he/she is available for a new job editing his/her profile if needed checking the important notifications provided by notification module and also search for a certain organisation or firm through the search module
9. **Employer:** This module will be registering to create the account on the portal. It will be performing the following functions – creating the profile as per the guidelines of the admin, initiate a job vacancy alert indicating that the company is looking for new employees for a particular job with salary mentioned, editing the profile if needed checking the important notifications provided by notification module and also search for available employees through the search module
10. **Notifications:** This module will work differently for the employee and employer. For employee it would alert the employee when the job vacancy alert is initiated by a certain company and will also direct him/her to the company’s page. Similarly, for employer it would alert the employer when the job alert is initiated by a certain company and will also direct him/her to the employee’s page, it would also notify that there is a question asked by a certain user in the QnA section of the page. It would also notify the user when some other visits the former’s page
11. **Search:** This module helps a user to look for any other user and directs the former to the latter’s page. For example, if a employee wishes to visit the page of a certain company/firm he/she can do it easily with the help of the search module.
12. **Authentication:** This module accesses the database maintained by the admin every time a user tries to login. It checks if the entered email and password exists in the database i.e. they are registered. If not it raises an alert that either the respective entry is wrong or the user has not registered yet. It makes sure that nobody can enter the portal without registering

**Tree Representation:**