Job Portal System
Web Application

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Abstract

The Title of the project is Job Portal System.

The aim of this project is to provide an online job search portal for fresher's and experience employees for knowing about opportunities in different companies. Users need to register with application and obtain unique username and password for accessing available features.

It also provides jobs portal for job seekers to submit their CV and apply for job posting and Employer can select best Employees from Available CV.

Job portal is prepared for provide all categories of job and help to get various type of job.

So, it enables applicants to search for jobs in a convenient manner and to enable employers to find suitable candidates

 implemented in PHP. For best performance of the website, Database is made in MySQL.

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INTRODUCTION

PURPOSE

Online job portal project is to provide an online job search portal for fresher's and experience employees for knowing about opportunities in different companies. Users need to register with application and obtain unique username and password for accessing available features.

INTENDED AUDIENCE AND PERTINENT SECTIONS

primary stockholders are those who are directly with the system . According to our system the primary stakeholders are administrator, job seeker, and employer

secondary stakeholders are those who are not directly interact with the system but receive output. According to our system secondary stakeholder are Management who are not directly interacted with the system

PROJECT SCOPE

The online job portal that is developed provide jobseekers with different jobs information like:

- online applying for jobs
- search for jobs
- Supported by well-designed database and web-based design
- A friendly user interface is provided to facilitate different services.

The basic scope contains:

1. Jobseeker's Area

2. Company's Area

3. Administrator's Area

REFERENCES

- Laravel, Laravel 5.8 Documentation, visited in December 2019,
  web < https://laravel.com/docs/5.8 >.
- PHP, PHP 7.1 Documentation, visited in December 2019,
   web < https://www.php.net/docs.php >.
- PHP My Admin, Download PHPMYADMIN 5.0.0, visited in December 2019,
  web < https://www.phpmyadmin.net>.
- Bootstrap, Bootstrap 4.4 Documentation, visited in January 2020,
   web < https://getbootstrap.com/docs/4.4/getting-started/introduction >.
- Font Awesome icons, visited in December 2019,
   web < https://fontawesome.com/ >.
- MySQL, visited in December 2019,
  web < https://www.mysql.com/ >.

DESCRIPTION
FEATURES
1. Job Seeker can View Company Information's.
2. posting and listing of jobs.
3. different types of filters for jobs.
4. jobs categorized based on category.
5. email verification system while registering for both jobseeker and employer.
6. Three different types of users interact with the system: Job Seeker, Company(employer) and Admin.
7. blog system included admin manages the blog.
8. Search a job.
9. Seeker &company login.

USER OVERVIEW
Work as a software application the aim to make this system for reducing work load, secure database, and also handling company and jobseeker information's, which reduce the paper work and organized process.

OPERATING ENVIRONMENT
- COMPOSER
- MYSQL
- PHP 7.1
- XAMP
- LARAVEL 5.8
- WINDOWS 10

Communication Interfaces
HTTP protocols.

Hardware Interface
Any device which has a web browser

SYSTEM FEATURES

SYSTEM FEATURE

DESCRIPTION AND PRIORITY	computerized process of Search Job with all job seekers information.
STIMULUS / RESPONSE SEQUENCES	• Each user has own role. • System have all current user's information
FUNCTIONAL REQUIREMENTS	employer can login to this system and access to job seeker information's. Job seeker can login to this system and access to Vacancies information's.

REQUIREMENTS OF EXTERNAL INTERFACE

USER INTERFACES

Home Page

- From click on search bar you can access to jobs information's.
- On click in any category name from home page you can access list of jobs and their details.
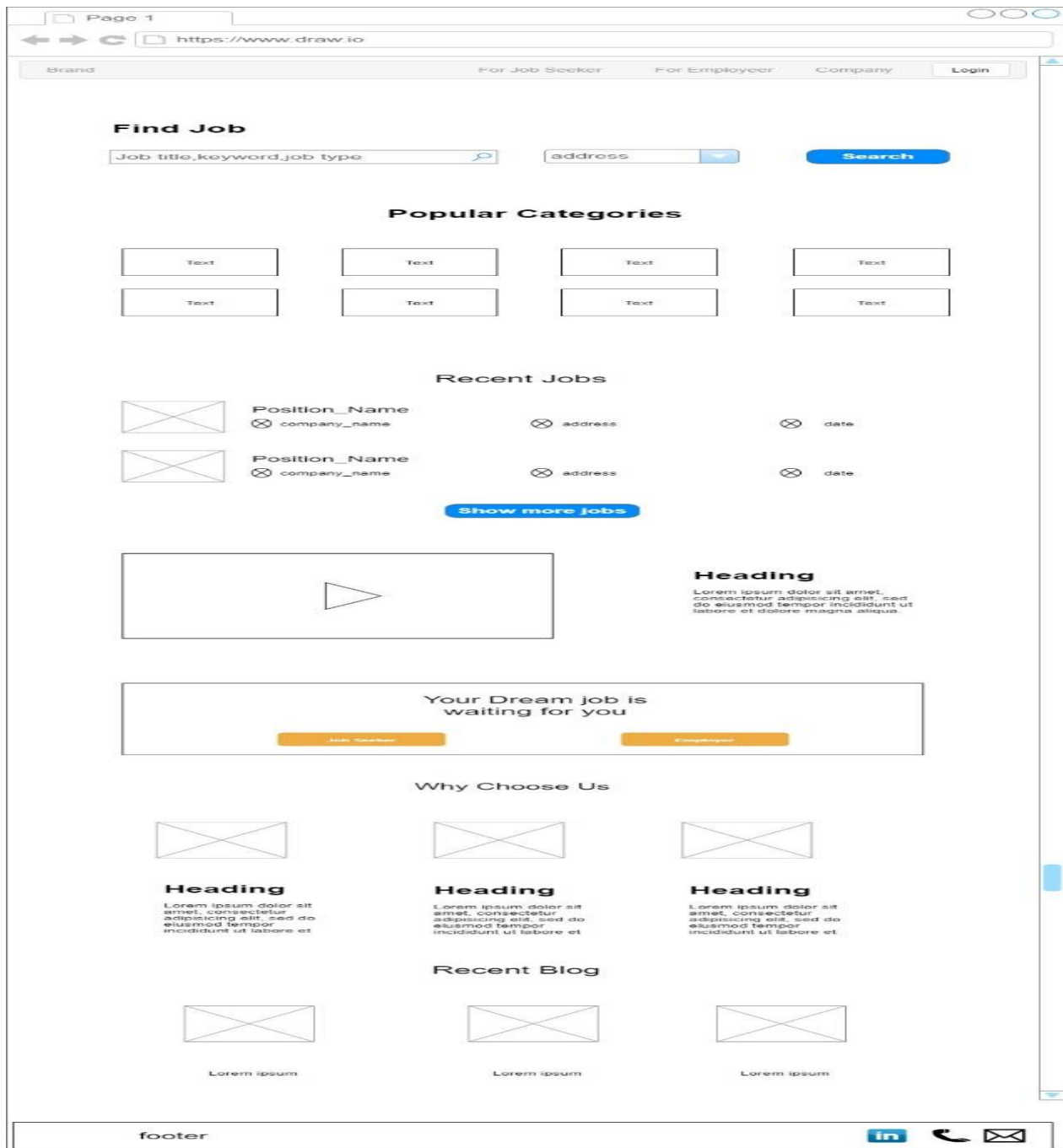
Figure 1Home Page.

seeker registration

from here you can register job seeker.

Figure 2 Job seeker register.

Employer Registration

from here you can register <u>Employer</u>.

Figure 3employer register.

[Blog Page](#)
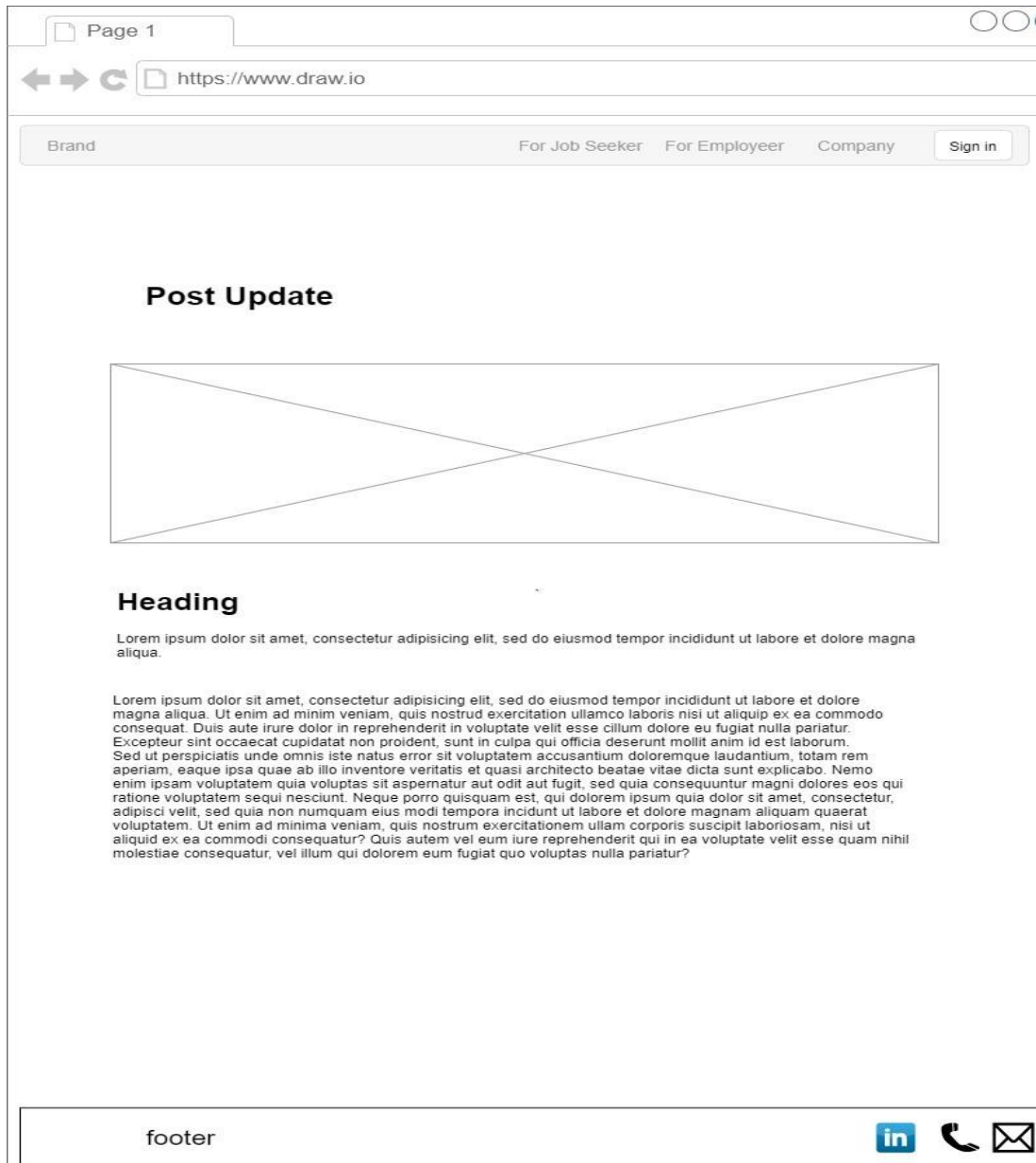
Figure 4 blog page.

Profile page
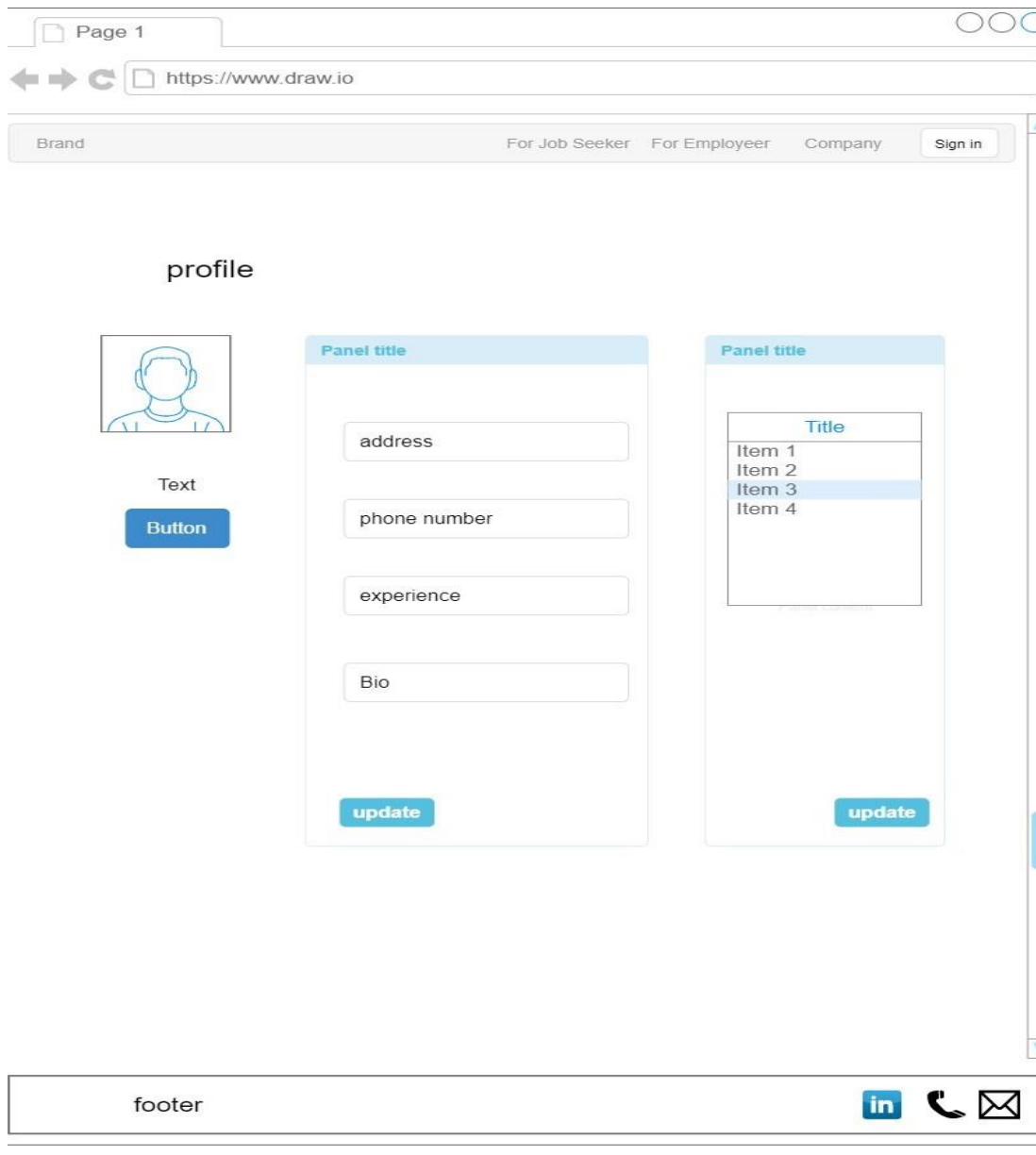
Figure 5:Profile page
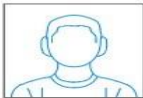
company profile
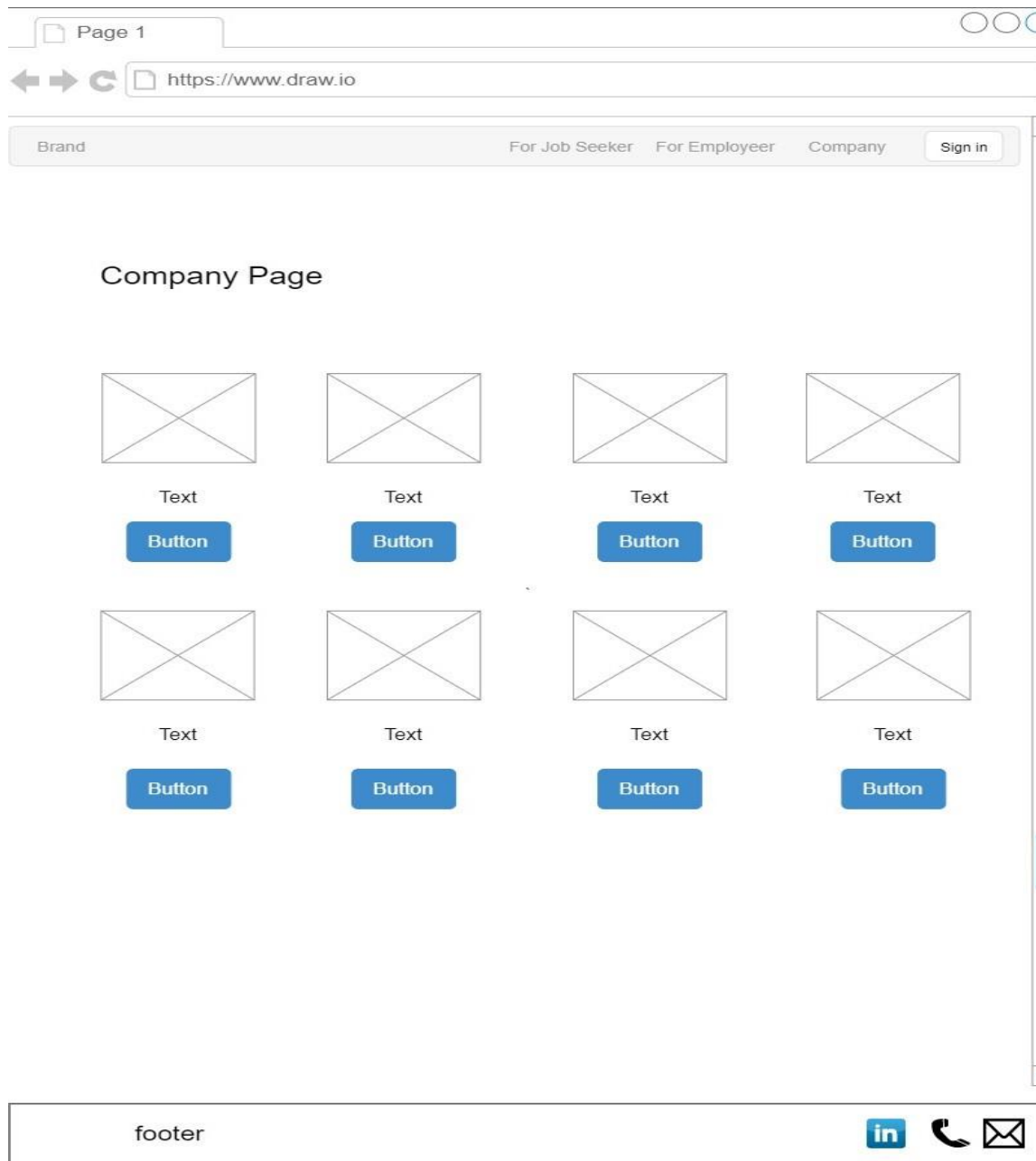

Figure 6:company profile

companies list

Figure 7:companies list

company page

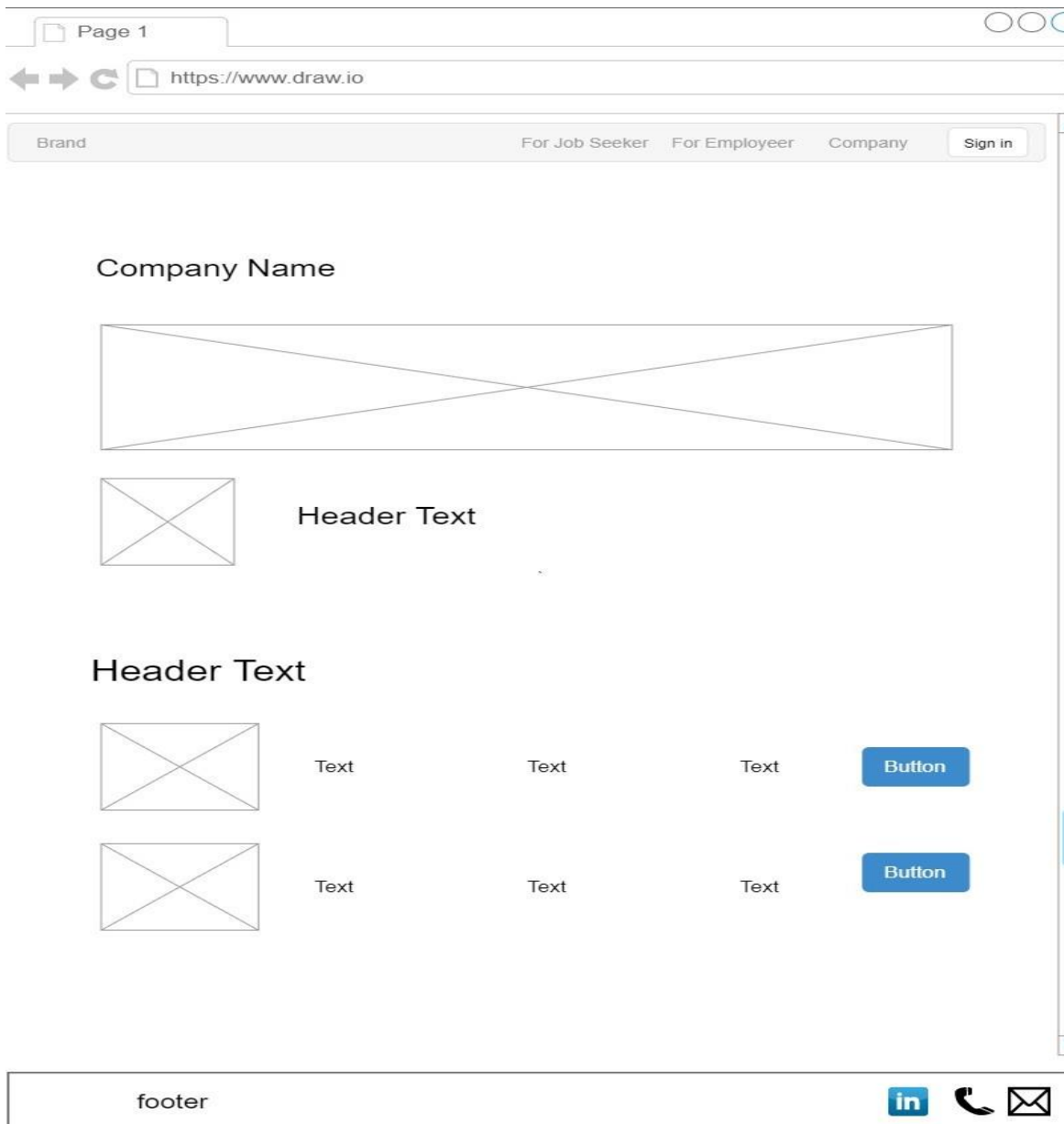

Figure 8:company page

search page

Figure 9:search page

job page
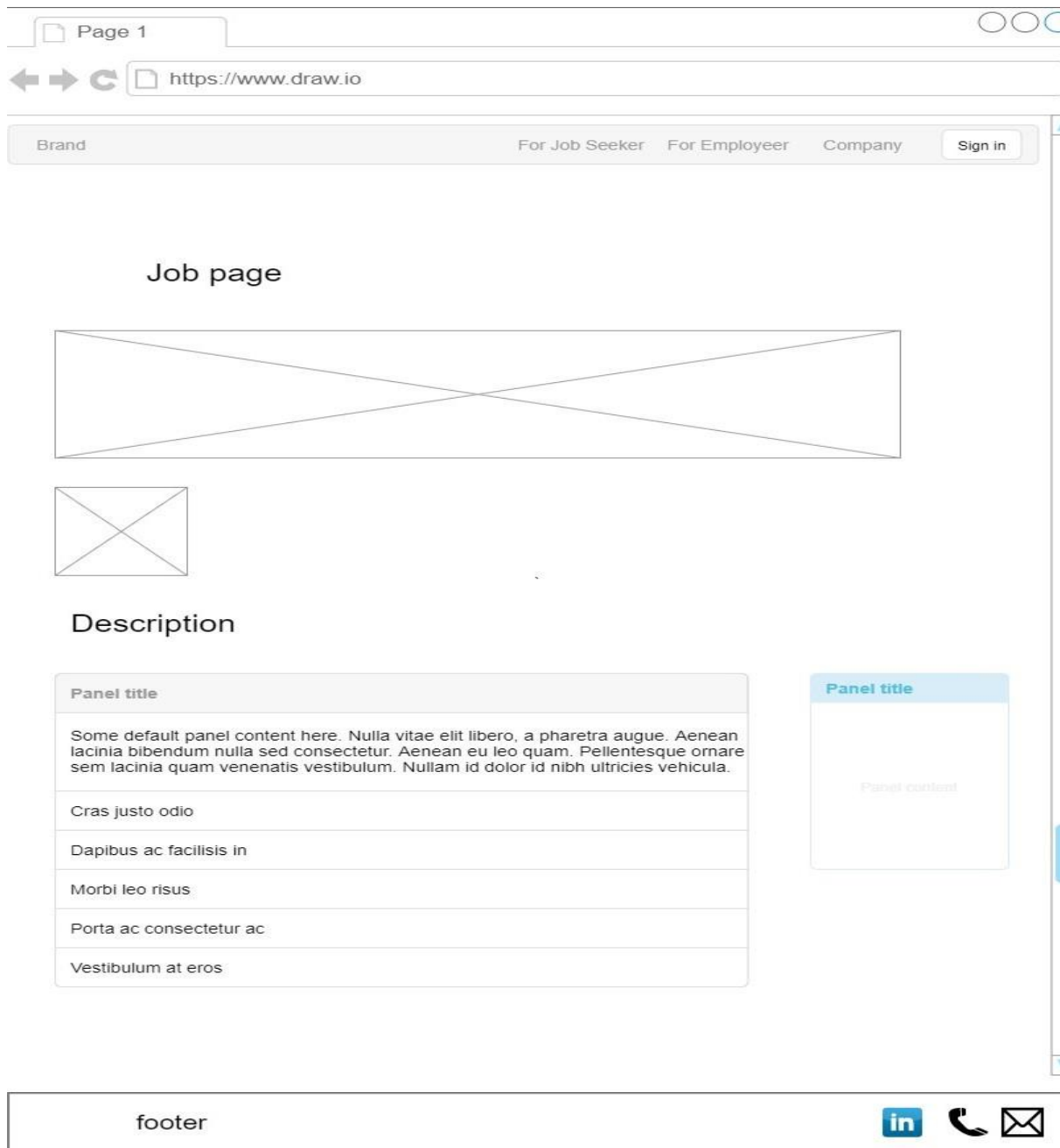
Figure 10:job page

Dashboard

Figure 11:dashboard

Use Case Diagram

Figure 12:Admin_Use_Case_Diagram

Figure 13:Figure 12:Job_seeker_Use_Case_Diagram
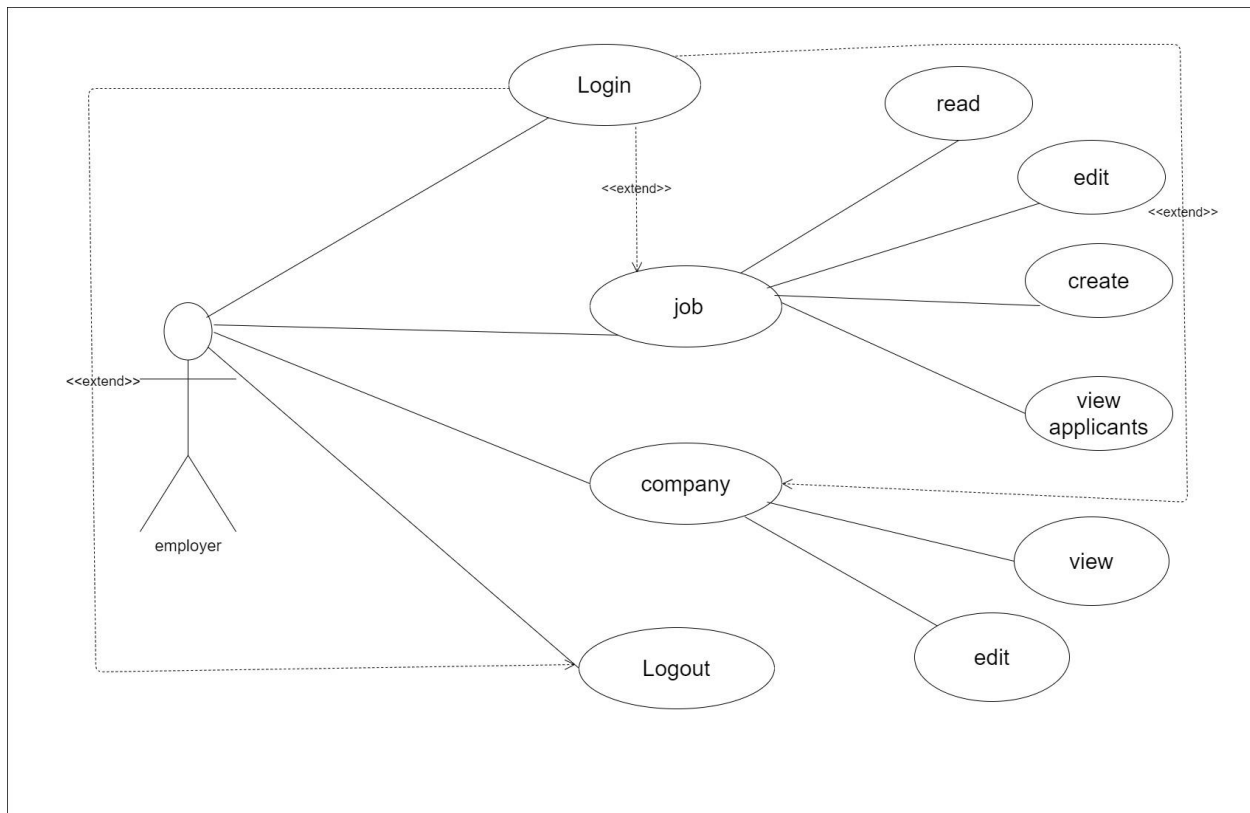
Figure 14:Figure 12:employer _Use_Case_Diagram

Class Model

categories
+id:integer
+name:string
+timestamps
+index($id)

jobs
+id:integer
+user_id:integer
+company_id:integer
+title:string
+slug:string
+description:text
+roles:text
+category_id:integer
+position:string
+address:string
+type:string
+status:integer
+type:string
+last_date:date
+ltimestamps

+index()
+show($id)
+jobRecommendations($job)
+company()
+myjob()
+allJobs($request)
+edit($id)
+update(JobPostRequest $request,$id)
+create()
+apply($request,$id)
+store($request)
+applicant()
+searchJobs($request)

profiles
+id:integer
+user_id:integer
+address:string
+gender:string
+dob:string
+experience:string
+bio:string
+cover_letter:string
+resume:string
+avatar:string
+timestamps
+index($id)

users
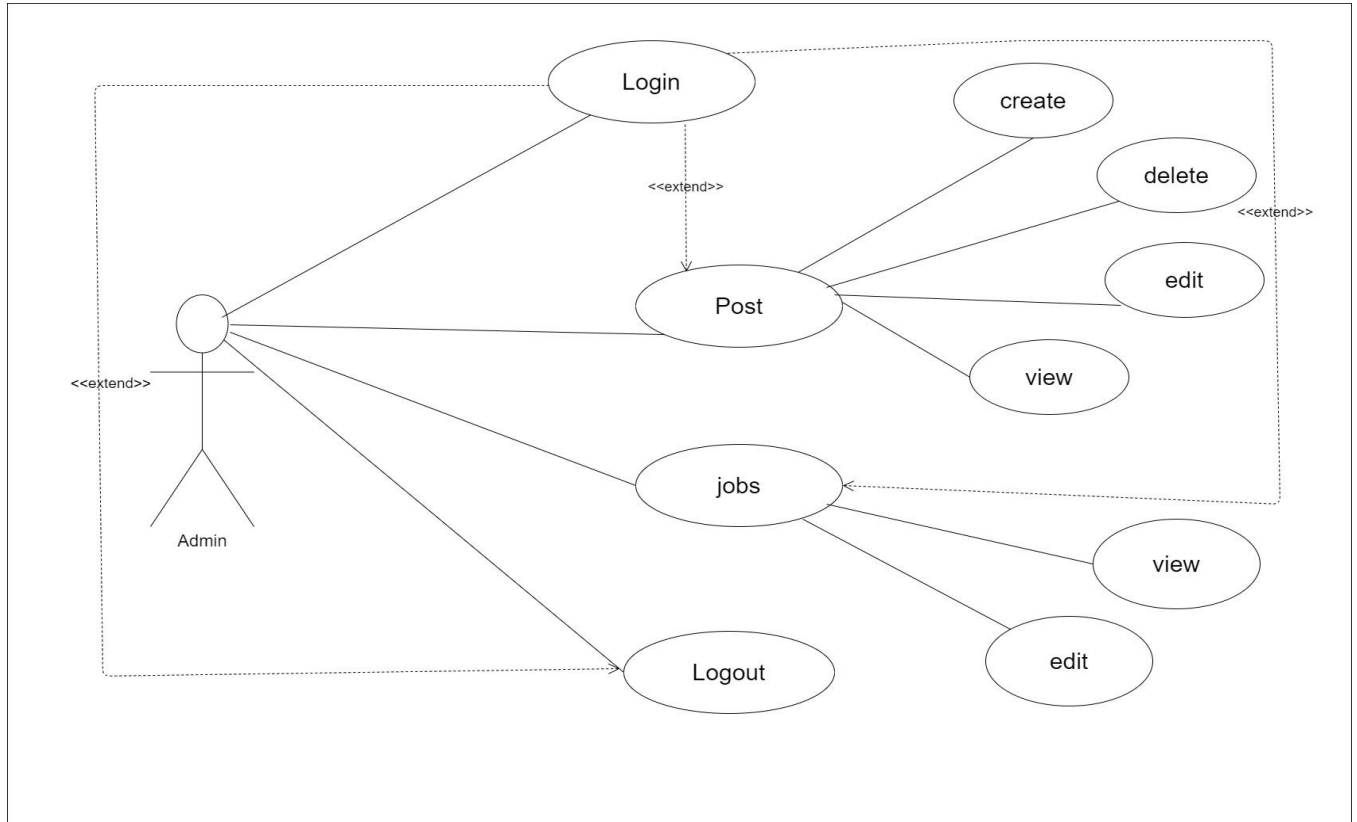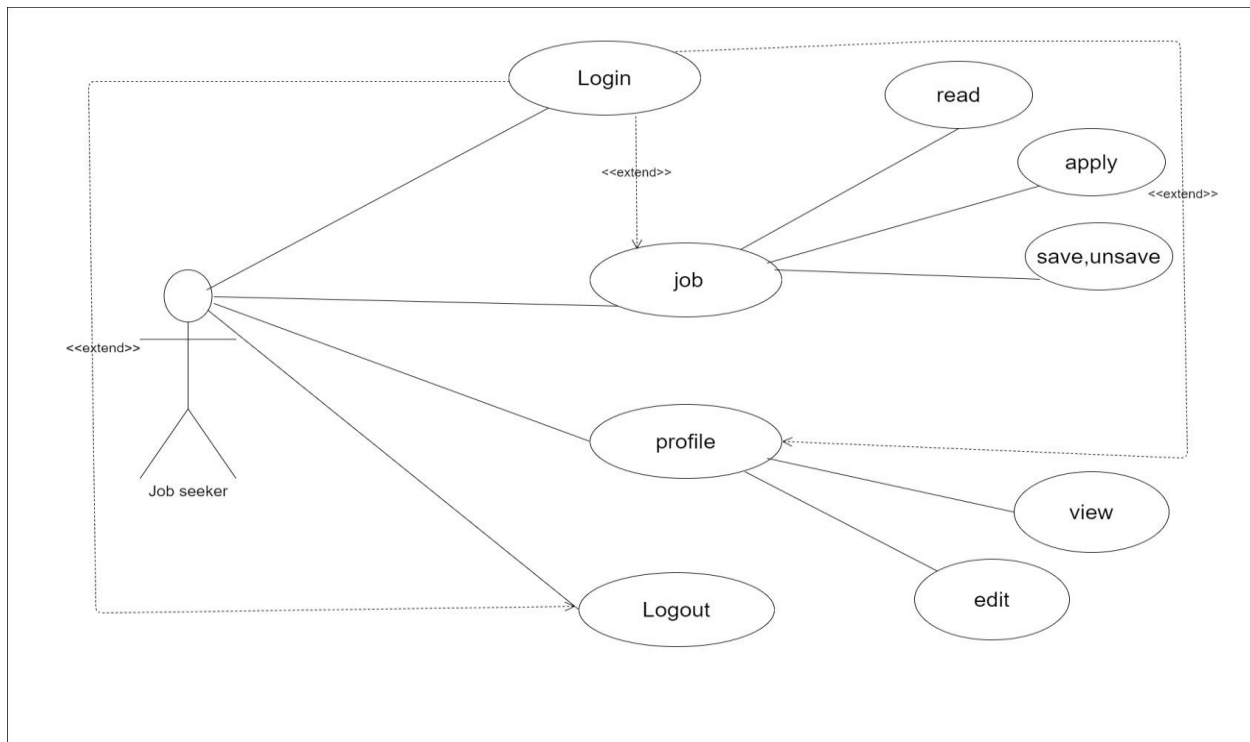+id:integer
+name:string
+user_type:string
+email:string
+email_verified_at:timestamp
+password:string
+rememberToken
+timestamps
+index()
+users($request)
+store($request)
+coverletter($request)
+resume($request)
+avatar($request)

password_resets
+email
+token
+created_at

job_user
+id:integer
+job_id:integer
+user_id:integer

companies
+id:integer
+user_id:integer
+cname:string
+slug:string
+address:string
+phone:string
+website:string
+logo:string
+cover_photo:string
+slogan:string
+description:string
+timestamps
+index($id, $company)
+company()
+create()
+store()
+coverPhoto($request)
+companyLogo($request)

posts
+id:integer
+title:string
+slug:string
+content:text
+image:string
+staus:integer
+softDeletes
+timestamps
+index($id, $company)
+company()
+create()
+store()
+coverPhoto($request)
+companyLogo($request)

favourites
+id:integer
+job_id:integer
+user_id:integer
+saveJob($id)
+unSaveJob($id)

Dashboard
+index()
+create()
+store($request)
+edit($id)
+update($id,$request)
+destroy($request)
+trash()
+restore($id)
+toggle($id)
+show($id)
+getAllJobs()
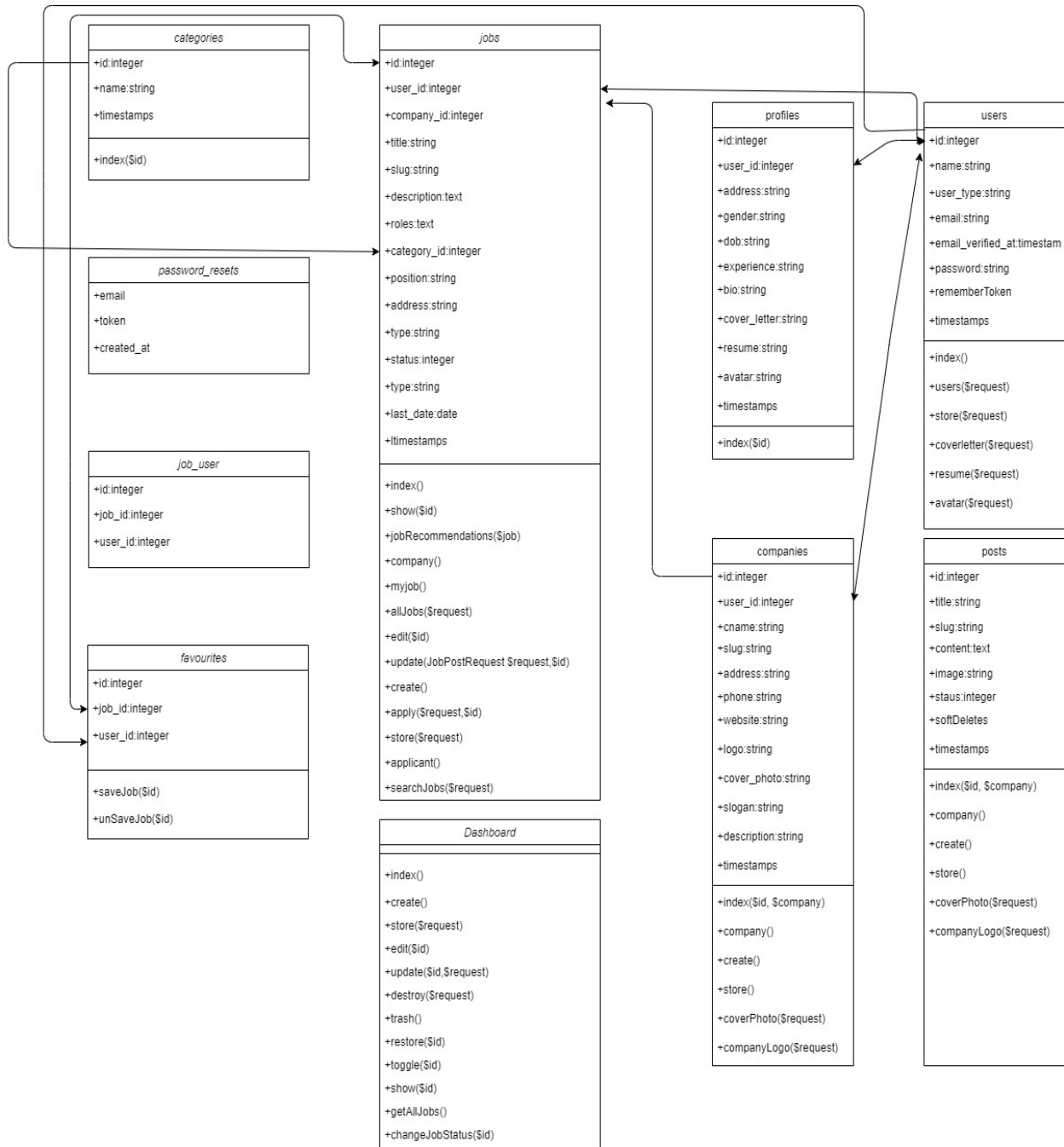+changeJobStatus($id)
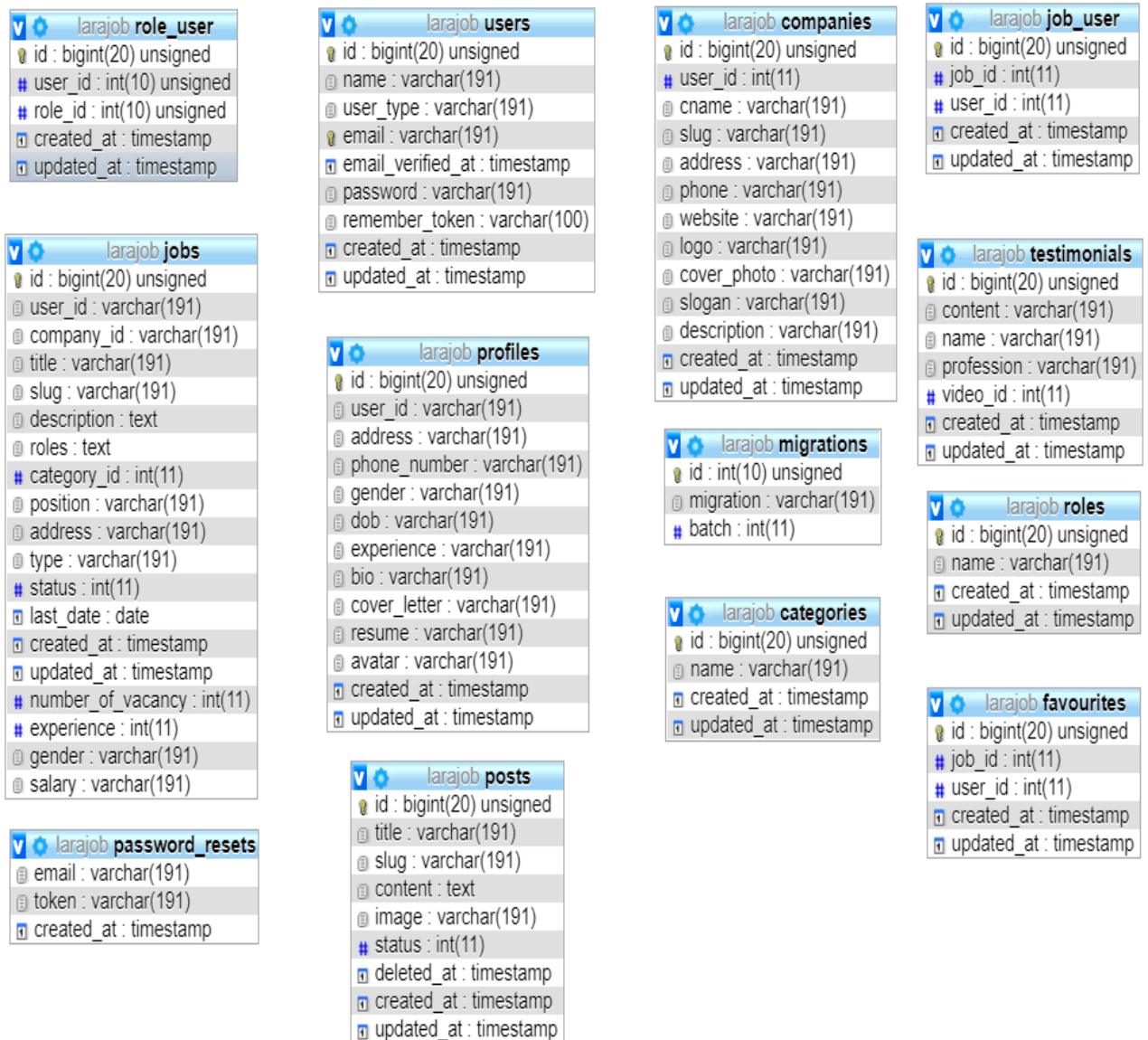
Figure 15: Class Model

Database Design

Figure 16:Database Design.

ADDITIONAL NONFUNCTIONAL REQUIREMENTS

Performance

 Include of response time and concurrency level of project.

Usability

This application is easy to use by every user.

Reliability

Accuracy of results and the system meets requirements and depends on the deployment of system.

Software Quality

• Availability: The web will be available as long as server is up.

• Interoperability: Web is interoperable on various operating system, thus increasing the applications usability and flexibility.

• Maintainability: Every working step was documented in the project so we can change anything in case we needed to change.

SOFTWARE INTERFACES

The website built on Laravel php 5.8 using MYSQL also for database to store the data .

Communication INTERFACES

This website supports all types of web browsers. we are using simple electronics forms for entering data.