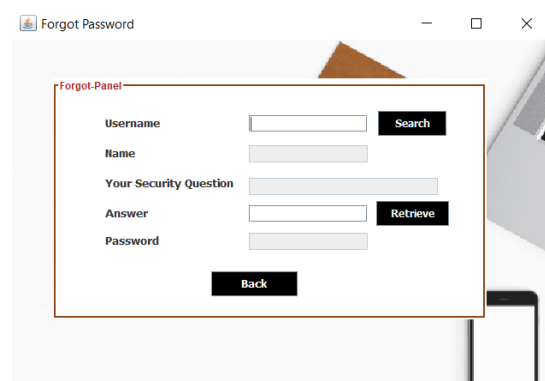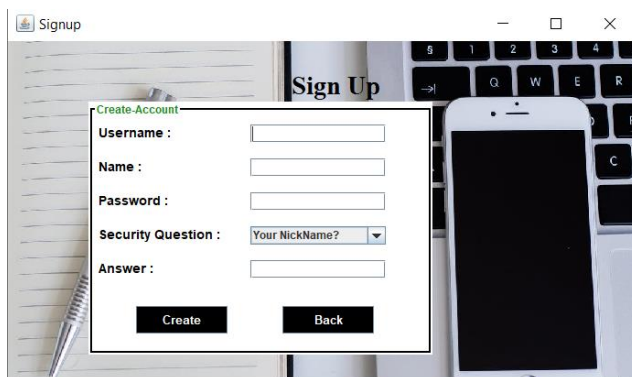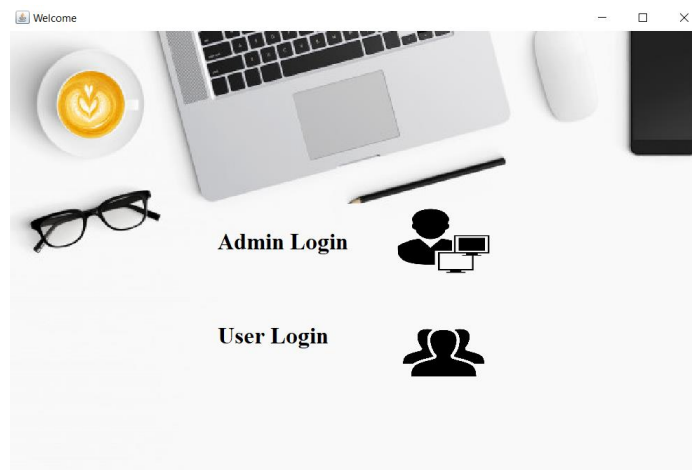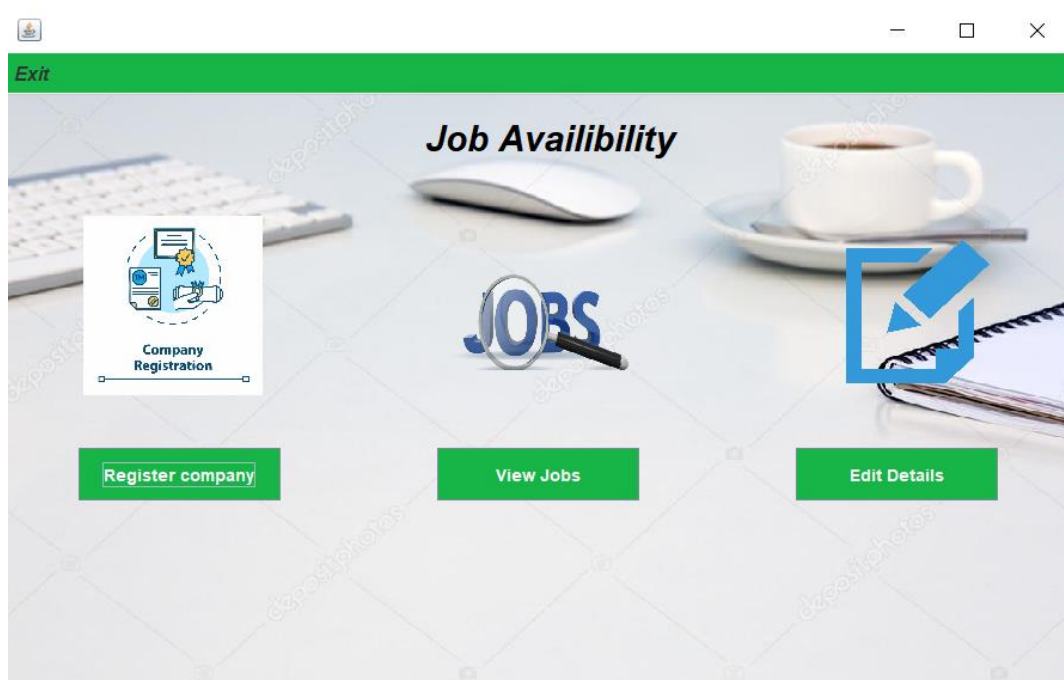# Discussion

The company manager can register on behalf the company by signup and login process for basic security as shown below:

We have same interface for User Login also. After the registration process, the company can now view all the job postings, edit the job postings and add a post or delete a post.

Company Details — Search Details

company	education	experience	industry	joblocation_address	jobtitle	numberofpositions	payrate	skills
MM Media Pvt Ltd	UG: B.Tech/B.E. - An...	0 - 1 yrs	Media / Entertainmen...	Chennai	Walkin Data Entry Op...	200	1,50,000 - 2,25,000 P.A	ITES
find live infotech	UG: B.Tech/B.E. - An...	0 - 0 yrs	Advertising / PR / MR...	Chennai	Work Based Onhome ...	60	1,50,000 - 2,50,000 P....	Marketing
Softtech Career Infosy...	UG: Any Graduate - A...	4 - 8 yrs	IT-Software / Softwar...	Bengaluru	Pl/sql Developer - SQL		Not Disclosed by Recr...	IT Software - Applicat...
Onboard HRServices ...	UG: Any Graduate - A...	11 - 15 yrs	Banking / Financial S...	Mumbai, Bengaluru, ...	Manager/ad/partner - ...		Not Disclosed by Recr...	Accounts
Spire Technologies an...	UG: B.Tech/B.E. - An...	6 - 8 yrs	IT-Software / Softwar...	Bengaluru	JAVA Technical Lead ...	4	Not Disclosed by Recr...	IT Software - Applicat...
PFS Web Global Serv...	UG: B.Tech/B.E. - An...	2 - 5 yrs	IT-Software / Softwar...	Bengaluru	WALK IN - As400 Dev...		Not Disclosed by Recr...	IT Software - Applicat...
Kinesis Management ...		1 - 3 yrs	IT-Software / Softwar...	Delhi NCR, Mumbai, ...	PHP Developer	2	3,00,000 - 6,50,000 P.A	IT Software - Applicat...
Agile HR consultancy ...	UG: Diploma - Any Sp...	2 - 7 yrs	Aviation / Aerospace ...	Bengaluru	Member Technical St...	20	Not Disclosed by Recr...	Production
HANSUM INDIA ELE...	UG: Diploma - Any Sp...	1 - 3 yrs	Industrial Products / ...	Bengaluru	Team Leader	2	1,00,000 - 2,00,000 P.A	Production
Accenture	UG: Any Graduate - A...	1 - 5 yrs	IT-Software / Softwar...	Bengaluru	German Translator		Not Disclosed by Recr...	ITES
Premium	UG: Any Graduate - A...	1 - 3 yrs	FMCG / Foods / Beve...	Mumbai, Delhi, Beng...	Business Developmen...		Not Disclosed by Recr...	Sales
Convate hiring for Re...	UG: Any Graduate - A...	4 - 8 yrs	IT-Software / Softwar...	Bengaluru	Opening for Android ...		Not Disclosed by Recr...	IT Software - Applicat...
Sinai Global	UG: B.Tech/B.E. - An...	2 - 4 yrs	IT-Software / Softwar...	Bengaluru	Full Stack Web Appli...	2	1,75,000 - 2,50,000 P.A	IT Software - Applicat...
Mathematical Compu...	UG: B.Tech/B.E. - An...	3 - 8 yrs	IT-Software / Softwar...	Bengaluru	Looking for an Applic...		Not Disclosed by Recr...	IT Software - Other
Accenture	UG: Any Graduate - A...	1 - 5 yrs	IT-Software / Softwar...	Bengaluru	Revenue Assurance		Not Disclosed by Recr...	Accounts
PKS & Associates	UG: B.Tech/B.E. - An...	5 - 7 yrs	IT-Software / Softwar...	Bengaluru	Senior Java Full Stac...	2	Not Disclosed by Recr...	IT Software - Applicat...
SMACera Technologi...		1 - 2 yrs	Recruitment / Staffing	Bengaluru	Data Entry Executive	3	1,00,000 - 2,00,000 P....	Executive Assistant
Janak Vidya Consulta...		2 - 4 yrs	IT-Software / Softwar...	Bengaluru	PHP Developer_banas...		1,00,000 - 5,00,000 P.A	IT Software - Other
Strivex Consulting Pv...	UG: Any Graduate - A...	5 - 10 yrs	IT-Software / Softwar...	Bengaluru	Bluetooth Host Softw...		Not Disclosed by Recr...	IT Software - Mobile
Magna Infotech Pvt Ltd	UG: Any Graduate - A...	0 - 1 yrs	Recruitment / Staffing	Bengaluru	E-commerce Executive		Not Disclosed by Recr...	ITES
Accenture	UG: Any Graduate - A...	1 - 5 yrs	IT-Software / Softwar...	Bengaluru	Analytics		Not Disclosed by Recr...	ITES
OKDA Solutions	UG: Any Graduate - A...	5 - 10 yrs	IT-Software / Softwar...	Bengaluru	Java Developer - Spri...		Not Disclosed by Recr...	IT Software - Applicat...
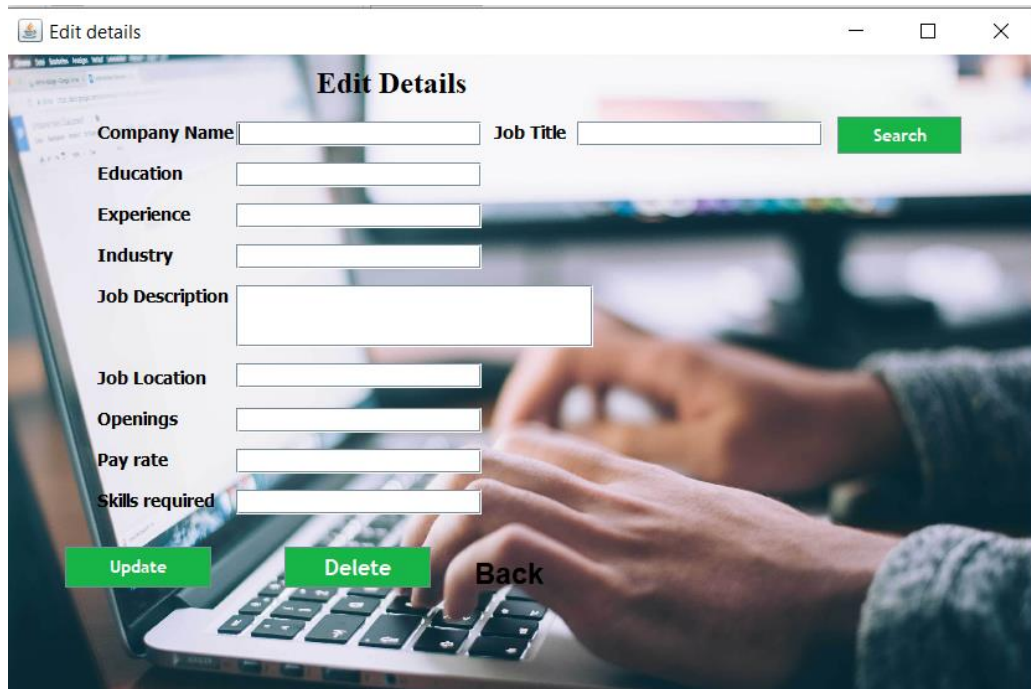
As, we can see in the given pictures the company can do the following operations:

- They can add job postings based on their availability.
- They can make changes to the same job postings in Edit Details column.
- They an delete the job posting after the requirement is fulfilled.
- They can view all their postings as well as see other company too.

7
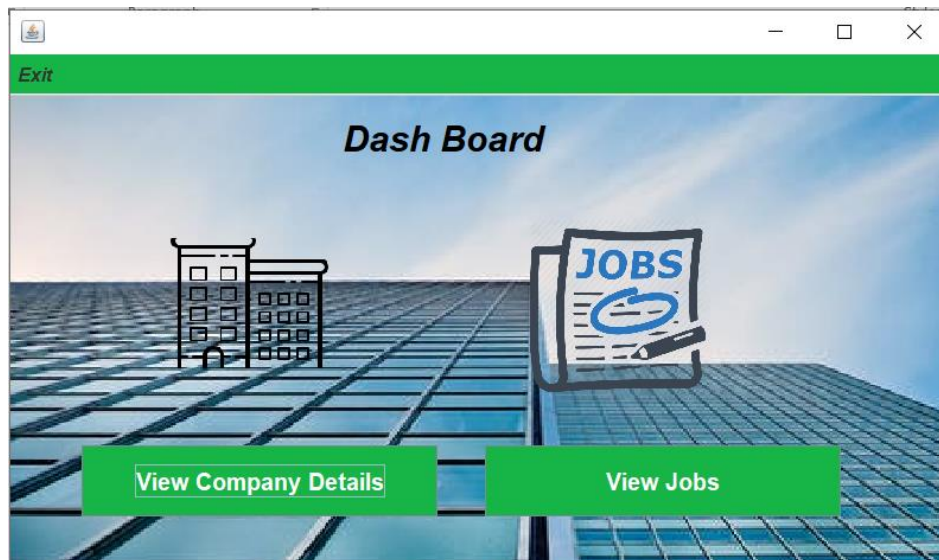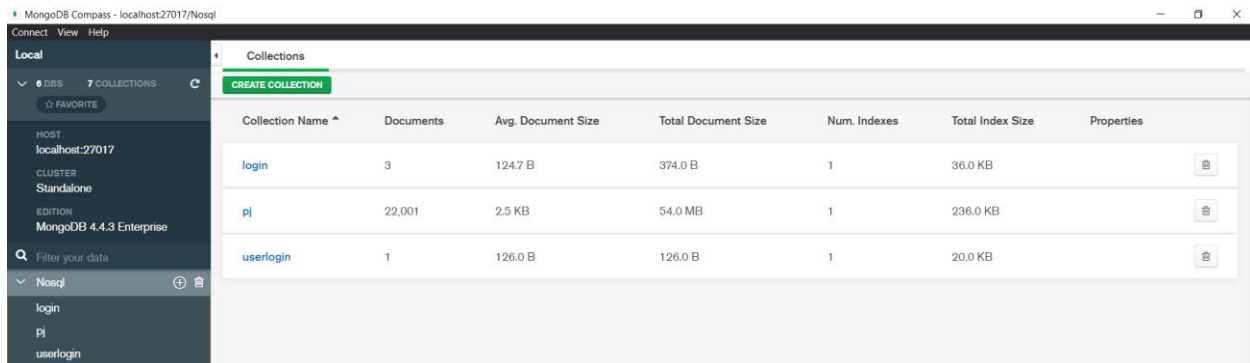
Here View Company Details and View Jobs are coming under same Category which is View Jobs in Admin login. But View Company details will display only Documents. But View jobs will display according to the field we want.

Database Analysis

- The database used for this project is MongoDB.

- It is a document-oriented NoSQL database used for high volume data storage.

- Instead of using tables and rows as in the traditional relational databases, MongoDB makes use of collections and documents.

- Documents consist of key-value pairs which are the basic unit of data in MongoDB.

- Collections contain sets of documents and function which is the equivalent of relational database tables.

- MongoDB is a database which came into light around the mid-2000s.

In Our Project:

The database name is Nosql.

It has three collections namely: login, User login, pj.

- login and user login collecdtions stores details of a user of admin or Client. If he is admin he can edit, add and also can View the details. But Client only can view the company details.

- pj collection stores details of all the job postings of all companies. For now, it has more than 600 documents stored in it.

MongoDB Compass - localhost:27017/Nosql.login

Connect View Collection Help

Local

Nosql.login
Documents

> 7 DBS   8 COLLECTIONS

☆ FAVORITE

HOST
localhost:27017

CLUSTER
Standalone

EDITION
MongoDB 4.4.3 Enterprise

Nosql.login

DOCUMENTS 1   TOTAL SIZE 128B   AVG. SIZE 128B   INDEXES 1   TOTAL SIZE 20.0KB   AVG. SIZE 20.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

FILTER   OPTIONS FIND RESET ...

ADD DATA ▼   VIEW   Displaying documents 1 - 1 of 1 < > C REFRESH

Nosql
login
pj

> admin
> animal
> config
> employee
> local
> test
> university

```
_id: ObjectId("60b50afd28bd7d5d2a5289ad")
Username: "Rasmika"
Name: "Rasmika"
Password: "12345"
Squestion: "Your NickName?"
Answer: "ras"
```

MongoDB Compass - localhost:27017/Nosql.pj

Connect View Collection Help

Local

Nosql.pj
Documents

> 7 DBS   8 COLLECTIONS

☆ FAVORITE

HOST
localhost:27017

CLUSTER
Standalone

EDITION
MongoDB 4.4.3 Enterprise

Nosql.pj

DOCUMENTS 600   TOTAL SIZE 1.4MB   AVG. SIZE 2.3KB   INDEXES 1   TOTAL SIZE 24.0KB   AVG. SIZE 24.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

FILTER   OPTIONS FIND RESET ...

ADD DATA ▼   VIEW   Displaying documents 1 - 20 of 600 < > C REFRESH

Nosql
login
pj

> admin
> animal
> config
> employee
> local
> test
> university

```
_id: ObjectId("60b50a5e43e4a20a4c62000e")
company: "MM Media Pvt Ltd"
education: "UG: B.Tech/B.E. - Any Specialization PG:Any Postgraduate - Any Special..."
experience: "0 - 1 yrs"
industry: "Media / Entertainment / Internet"
jobdescription: "Job Description  Send me Jobs like this Qualifications: - == > 10th T..."
jobid: "2.11E+11"
joblocation_address: "Chennai"
jobtitle: "Walkin Data Entry Operator (night Shift)"
numberofpositions: ""
payrate: "1,50,000 - 2,25,000 P.A"
postdate: "2016-05-21 19:30:00 +0000"
site_name: ""
skills: "ITES"
uniq_id: "43b1963264706b535437c774b6ca6cf8"
```

```
_id: ObjectId("60b50a5e43e4a20a4c62000f")
company: "find 1lve infotech"
education: "UG: B.Tech/B.E. - Any Specialization PG:MBA/PGDM - Any Specialization"
experience: "0 - 0 yrs"
industry: "Advertising / PR / MR / Event Management"
jobdescription: "Job Description  Send me Jobs like this Qualifications: - == > 10th T..."
jobid: "2.11E+11"
joblocation_address: "Chennai"
jobtitle: "Work Based Onhome Based Part Time,"
numberofpositions: "60"
payrate: "1,50,000 - 2,50,000 P.A. 20000"
postdate: "2016-05-21 19:30:00 +0000"
site_name: ""
skills: "Marketing"
uniq_id: "d4c72325e57f89f364812b5ed5a795f0"
```

MongoDB Compass - localhost:27017/Nosql.userlogin

Connect View Collection Help

Local

Nosql.userlogin
Documents

> 6 DBS   7 COLLECTIONS

☆ FAVORITE

HOST
localhost:27017

CLUSTER
Standalone

EDITION
MongoDB 4.4.3 Enterprise

Nosql.userlogin

DOCUMENTS 1   TOTAL SIZE 126B   AVG. SIZE 126B   INDEXES 1   TOTAL SIZE 20.0KB   AVG. SIZE 20.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

FILTER { field: 'value' }   OPTIONS FIND RESET ...

ADD DATA ▼   VIEW   Displaying documents 1 - 1 of 1 < > C REFRESH

Nosql
login
pj
userlogin

> admin
> animals
> config
> courses
> local

```
_id: ObjectId("60b9154a70bcd47e1d7e5519")
Username: "svs"
Name: "sailesh"
Password: "1234"
Squestion: "Your Lucky Number?"
Answer: "27"
```

>_MONGOSH BETA