EASY SOCIAL(LINKEDIN)

SUBMITTED TO:-

SUBMITTED BY:-

PROF. SUJOY DAS SIR

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- PROCESSES

- USE CASE DIAGRAM

- DATA FLOW DIAGRAM(DFD){LEVEL 0-2}

- ER(ENTITY-RELATIONSHIP) DIAGRAM

- FRONTEND

- CONCLUSION

OBJECTIVES:-

➢ Build a clear and concise network profile that shows who you are and what you do

➢ Make a network of people in your industry

➢ Share a content to your career or business to engage people

➢ Use your network to make a new connection relevant to your goal

TECHNOLOGY USED:-

React.js

MySQL

Node.js

Express
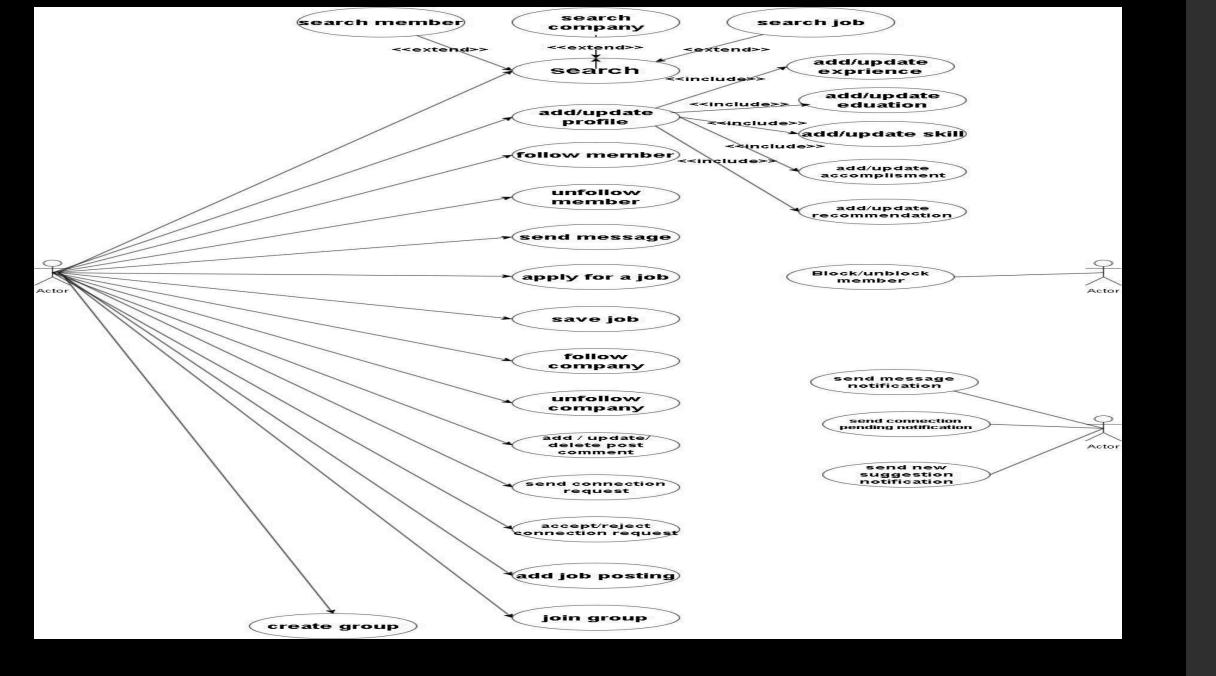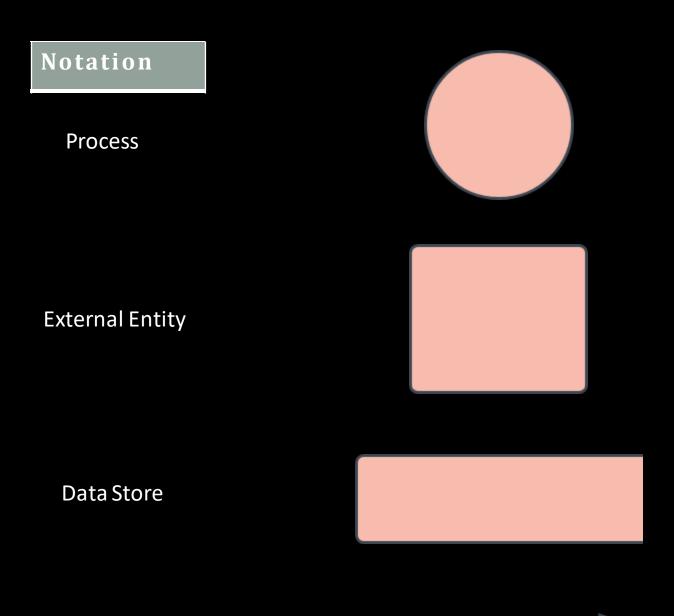
USE CASE

- We have three main Actors in our system:

- **Member:** All members can search for other members, companies or jobs, as well as send requests for connection, create posts, etc.

- **Admin:** Mainly responsible for admin functions such as blocking and unblocking a member, etc.

- **System:** Mainly responsible for sending notifications for new messages, connections invites, etc.
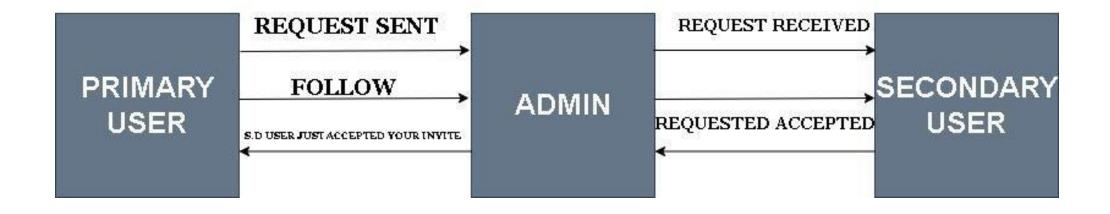
USE CASE

- Here are the top use cases of our system:

- **Add/update profile:** Any member should be able to create their profile to reflect their experiences, education, skills, and accomplishments.

- **Search:** Members can search other members, companies or jobs. Members can send a connection request to other members.

- **Follow or Unfollow member or company:** Any member can follow or unfollow any other member or a company.

- **Send message:** Any member can send a message to any of their connections.

- **Create post:** Any member can create a post to share with their connections, as well as like other posts or add comments to any post.

- **Send notifications:** The system will be able to send notifications for new messages, connection invites, etc

Process

External Entity

Data Store

Data Flow
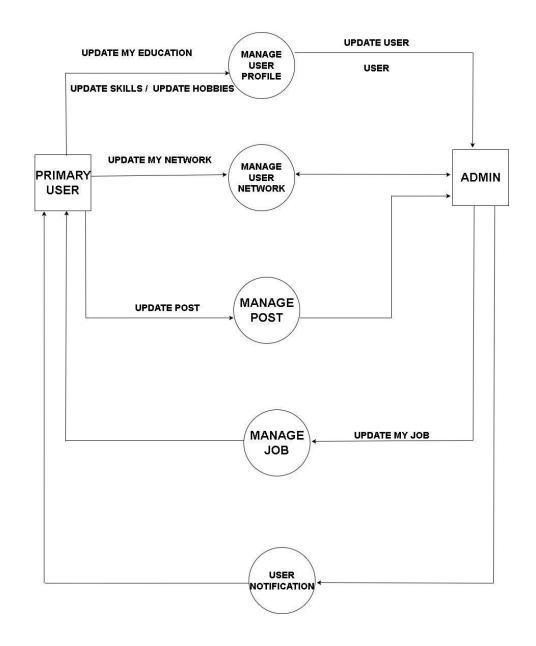
ZERO LEVEL DFD

1 LEVEL DFD
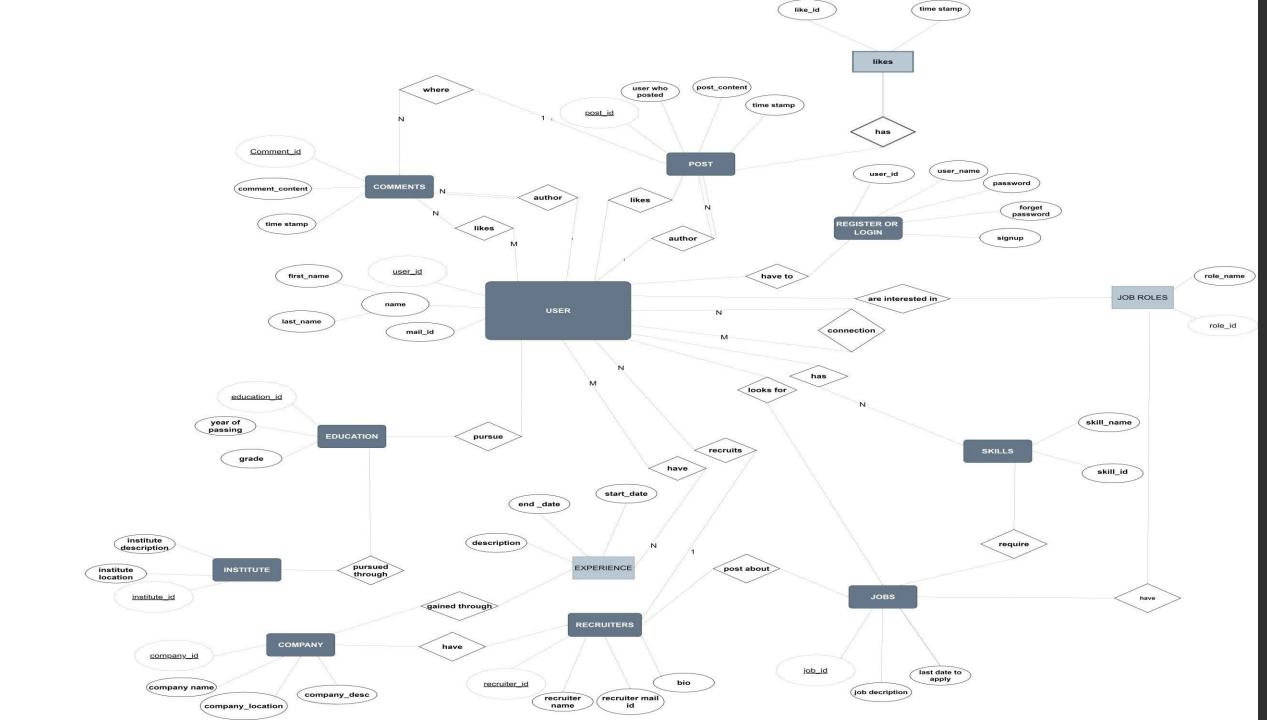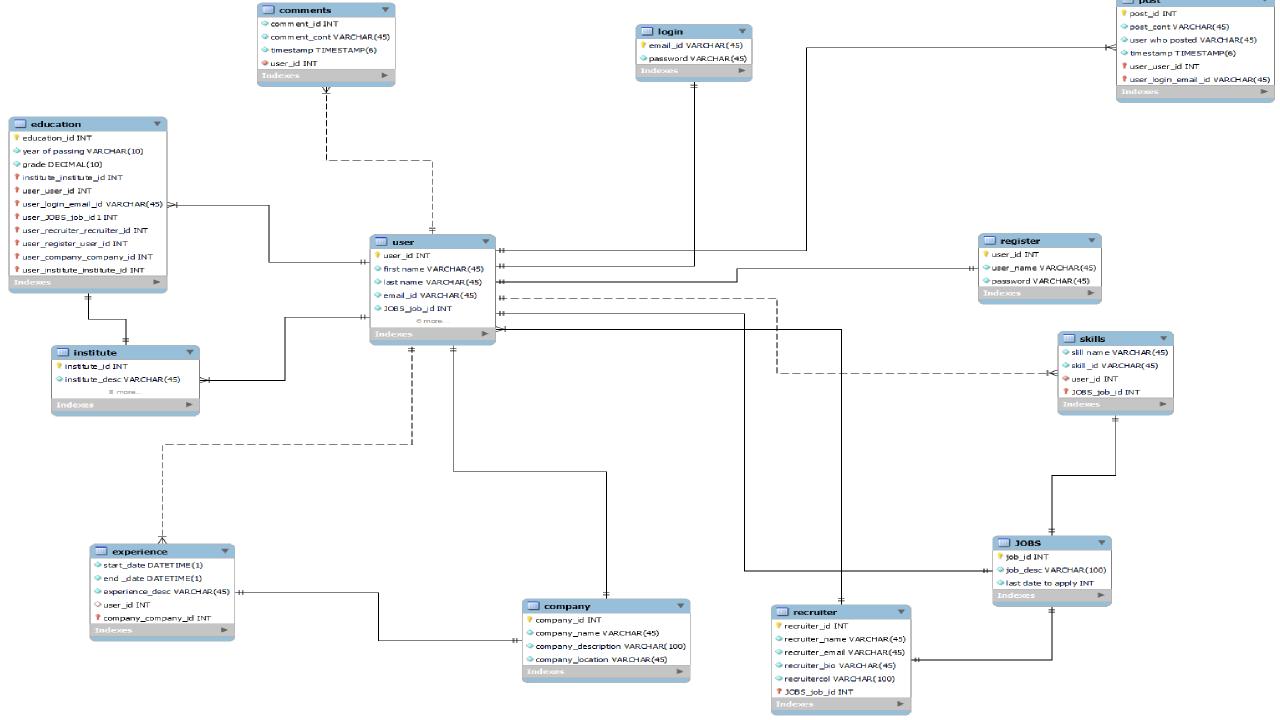
- ENTITY RELATIONSHIP DIAGRAM(ERD)
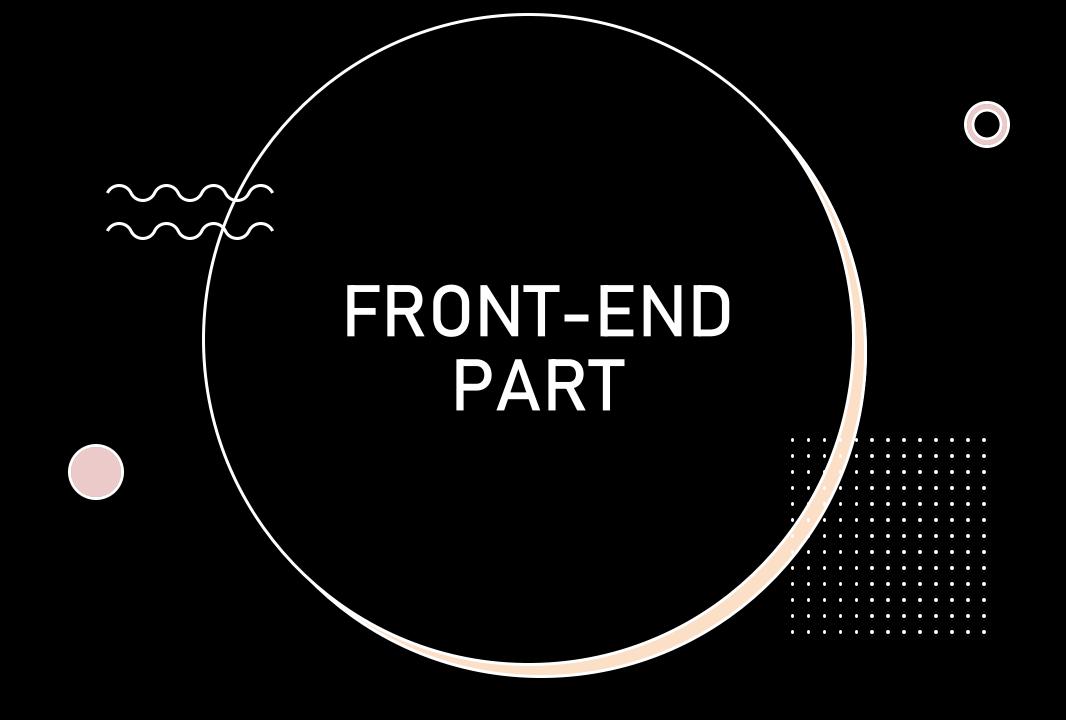
PROCESSES:-

- REGISTER OR LOG IN

- UPDATE YOUR PROFILE

- MAKE A POST

- APPLY FOR A JOB

- ADD CONNECTIONS TO YOUR NETWORK

comments
- comment_id INT
- comment_cont VARCHAR(45)
- timestamp TIMESTAMP(6)
- user_id INT
- Indexes

login
- email_id VARCHAR(45)
- password VARCHAR(45)
- Indexes

post
- post_id INT
- post_cont VARCHAR(45)
- user who posted VARCHAR(45)
- timestamp TIMESTAMP(6)
- user_user_id INT
- user_login_email_id VARCHAR(45)
- Indexes

education
- education_id INT
- year of passing VARCHAR(10)
- grade DECIMAL(10)
- institute_institute_id INT
- user_user_id INT
- user_login_email_id VARCHAR(45)
- user_JOBS_job_id1 INT
- user_recruiter_recruiter_id INT
- user_register_user_id INT
- user_company_company_id INT
- user_institute_institute_id INT
- Indexes

user
- user_id INT
- first name VARCHAR(45)
- last name VARCHAR(45)
- email_id VARCHAR(45)
- JOBS_job_id INT
- 6 more...
- Indexes

register
- user_id INT
- user_name VARCHAR(45)
- password VARCHAR(45)
- Indexes

skills
- skill name VARCHAR(45)
- skill_id VARCHAR(45)
- user_id INT
- JOBS_job_id INT
- Indexes

institute
- institute_id INT
- institute_desc VARCHAR(45)
- 8 more...
- Indexes

experience
- start_date DATETIME(1)
- end_date DATETIME(1)
- experience_desc VARCHAR(45)
- user_id INT
- company_company_id INT
- Indexes

company
- company_id INT
- company_name VARCHAR(45)
- company_description VARCHAR(100)
- company_location VARCHAR(45)
- Indexes

recruiter
- recruiter_id INT
- recruiter_name VARCHAR(45)
- recruiter_email VARCHAR(45)
- recruiter_bio VARCHAR(45)
- recruitercol VARCHAR(100)
- JOBS_job_id INT
- Indexes

JOBS
- job_id INT
- job_desc VARCHAR(100)
- last date to apply INT
- Indexes

FRONT-END PART

Register

username

Email

password

Name

Register

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Do you have an account?

Login

Register

Prashant Gupta

prashant750379@gmail.com

••••••••

Software Engineer

Register

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Do you have an account?

Login

Hello World.

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Don't you have an account

Register

Login

username

password

Login

Hello World.

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Don't you have an account

Register

Login

prashant750379@gmail.com

•••••••••

Login

Hello World.

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Don't you have an account

Register

Login

anuj24101@gmail.com

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Login

Hello World.

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Don't you have an account

Register

Login

shivam24101@gmail.com

••••••••••

Login

Hello World.

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Don't you have an account

Register

Login

username

password

Login

Register

username

Email

password

Name

Register

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Do you have an account?

Login

JS Navbar.jsx M   JS Login.jsx M   JS App.js

```
        ]
      },
      {
        path: "/login",
        element: <Login />,
      },
      {
        path: "/register",
        element: <Register />,
      },
  ]);

  return (
    <div>
      <RouterProvider router={router} />
    </div>
  );
}

export default App;
```

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💠 Groups

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📅 Events

🎮 Gaming

🖼 Gallery

📷 Videos

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🎓 Courses

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Anuj Jain

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```javascript
  Navigate,
} from "react-router-dom";

function App() {

  const {currentUser} = useContext(AuthContext);

  const { darkMode } = useContext(DarkModeContext);
  // console.log(darkMode);

  const Layout = () => {
    return (
      <div className={`theme-${darkMode ? "dark" : "light"}`}>
        <Navbar />
        <div style={{ display: "flex" }}>
          <LeftBar />
          <div style={{flex:6}}>
            <Outlet />
          </div>
          <RightBar />
        </div>

      </div>
    );
  };
```