



A Job Portal

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1. Project Description -

The project description can be grouped into mainly two categories as follows -

1.1 Employer perspective -

There will be an option to the companies to create upto 2 selection rounds -

1.1.1 The first round (Shortlisting of the candidates) -

This would take place on the basis of skillset required by the company for the job. Any applicant who would meet the minimum criteria required would be considered for the next round.

1.1.2 The second round (Interview) -

Interview would be done via video conferencing, using WebRTC, a relatively newer technology that uses peer to peer communication and is much faster and reliable than the traditional method of video conferencing.

3.2 Employee perspective -

Employees can register on the website, create their respective profiles and add relevant and important details for the companies to directly approach them or they can view various jobs posted by different companies and can apply for the same.

The registered users can also bookmark or star the jobs they like for later review if they want. Also, they can search for specific jobs using various parameters available on the website search engine, like jobs with a certain minimum salary, in a specific city, and so on.

2. Technologies Used -

IDE – Netbeans

Database – MySQL

Server – Glassfish

Front end – HTML5, Bootstrap, AJAX, CSS, JQuery, JavaScript

Back end – JSTL, JDBC, JSP, Servlet

Framework – MVC

2.1 Other Relevant Technologies Used -

2.1.1 WebRTC –

WebRTC(Web Real-Time Communication) is a collection of communications protocols and application programming interfaces that enable real-time communication over peer-to-peer connections.

It is a very exciting, powerful, and highly disruptive cutting-edge technology and standard. WebRTC leverages a set of plugin-free APIs that can be used in both desktop and mobile browsers, and is progressively becoming supported by all major modern browser vendors.

Following technologies are used under WebRTC –

- Picnic – A lightweight CSS framework.
- jQuery – Used for selecting elements on the page and event handling.
- PeerJS – The client side component of PeerJS.
- Handlebars – a JavaScript templating library, and is used for generating HTML for the messages.

3. Modules -

The following modules are used in the project -

3.1 Users - These consist of JobSeekers and various companies.

3.2 Login - The Users can login to their respective profiles.

3.3 Sign Up - The Users can signup to create their profiles.

3.4 Profile - The Job Seekers can create and edit their profiles.

3.5 View Job Post - Job Seekers can apply to any job or shortlist jobs for future reference.

3.6 View Profile - Companies can view the profiles of Job Seekers and directly contact them.

3.7 View Applicant - Companies can either shortlist, reject, select applicants for job or stop receiving applications.

3.8 Notification - Send and Receive Notifications.

3.9 – WebRTC - Establishes Peer to Peer connection and using this, companies can take video interviews, text message each other or perform video conferencing with anyone.

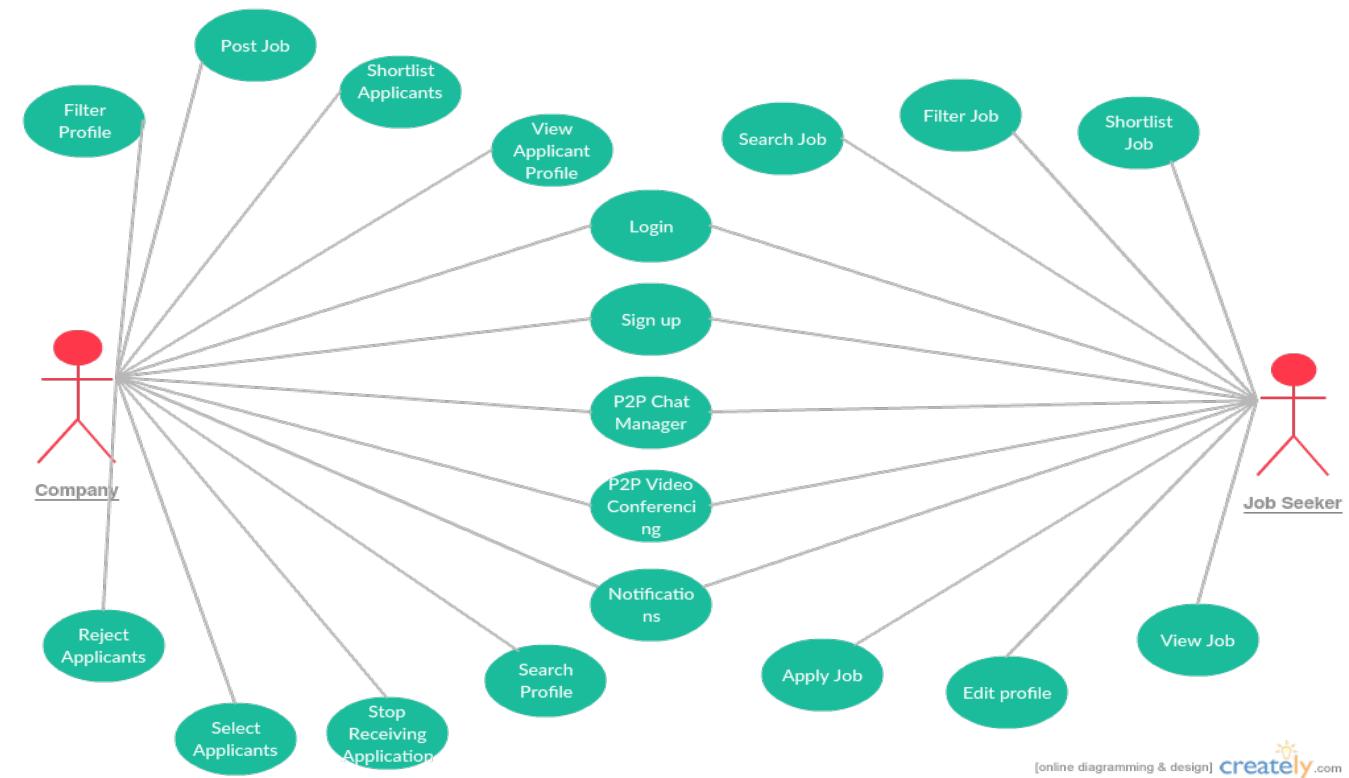
4. Use Case Diagram -

A user case diagram shows you some of the use cases in your system, some of the actors in your system, and the relationships between them. A use case is a high-level piece of functionality that the system will provide. An actor is anyone or anything that interacts with the system being built.

The purposes of use case diagrams can be as follows:

- Used to gather requirements of a system.
- Used to get an outside view of a system.
- Identify external and internal factors influencing the system.
- Show the interacting among the requirements are actors.

Given below is a Use Case Diagram for the project -



[online diagramming & design]  [creately.com](https://www.creately.com)

5. Data Flow Diagrams –

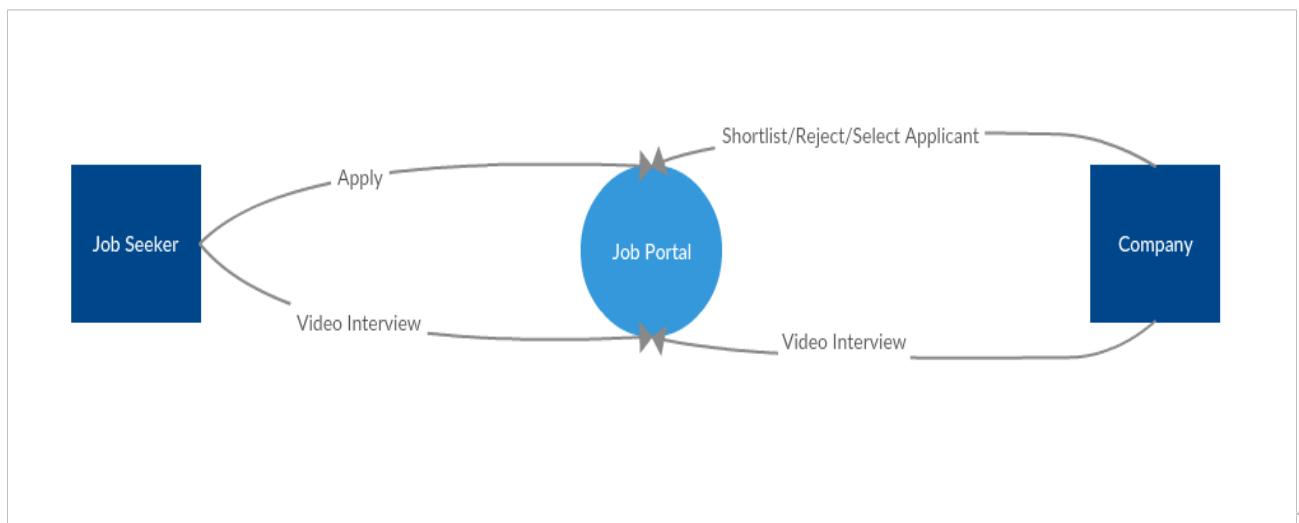
A data flow diagram is a graphic representation of a system or portion of system. It consists of data flows, processes, sources, destinations, and stores – all described through the use of easily understood symbols. An entire system can be described from the viewpoint of the data it processes with only four symbol. At the same time, data flow diagrams are powerful enough to show parallel activities.

It is a graphical representation of the "flow" of data through an information system, modeling its process aspects. A DFD is often used as a preliminary step to create an overview of the system, which can later be elaborated.

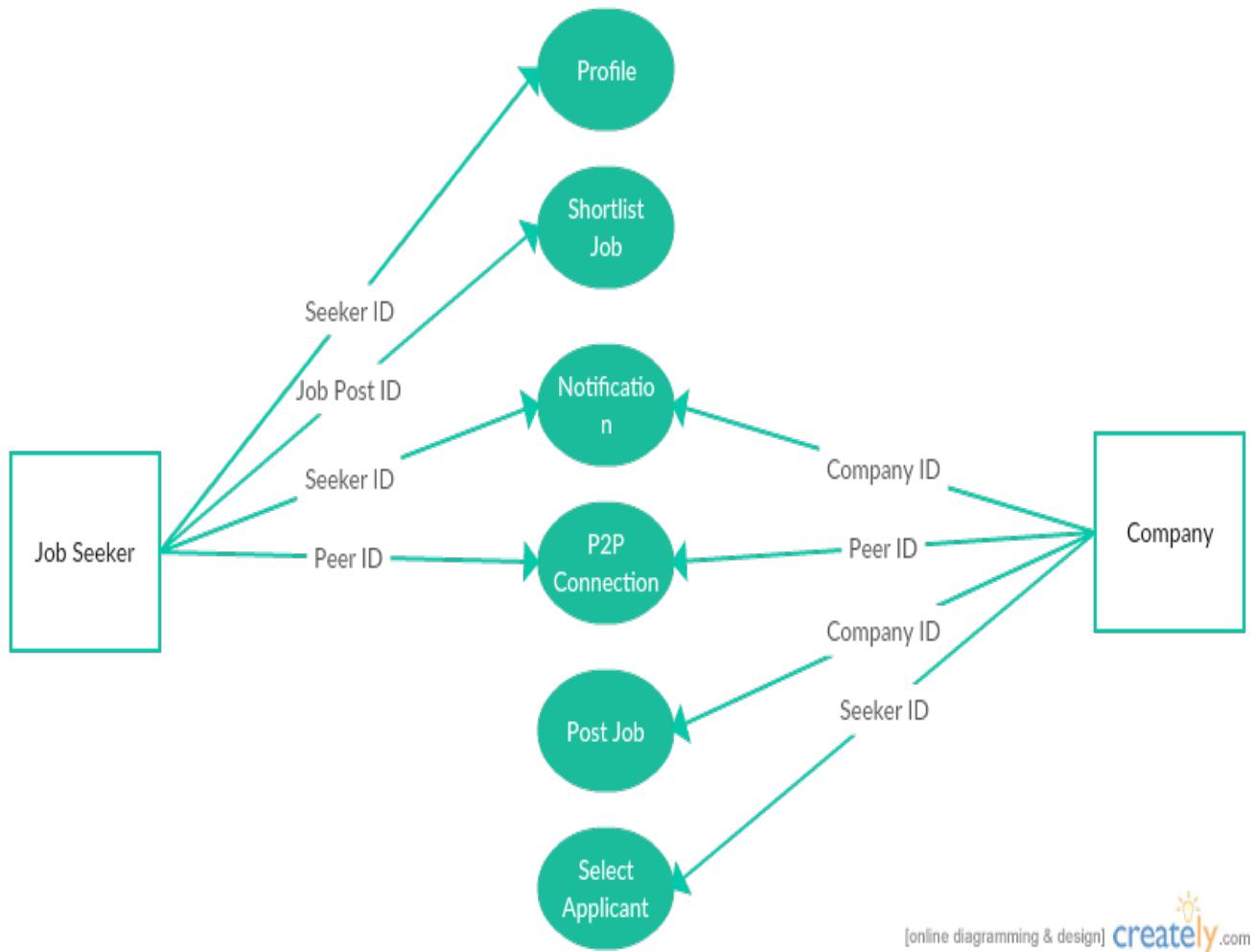
DFDs can also be used for the visualization of data processing (structured design).

A DFD shows what kind of information will be input to and output from the system, where the data will come from and go to, and where the data will be stored. It does not show information about the timing of process or information about whether processes will operate in sequence or in parallel.

5.1 Level 0 DFD –



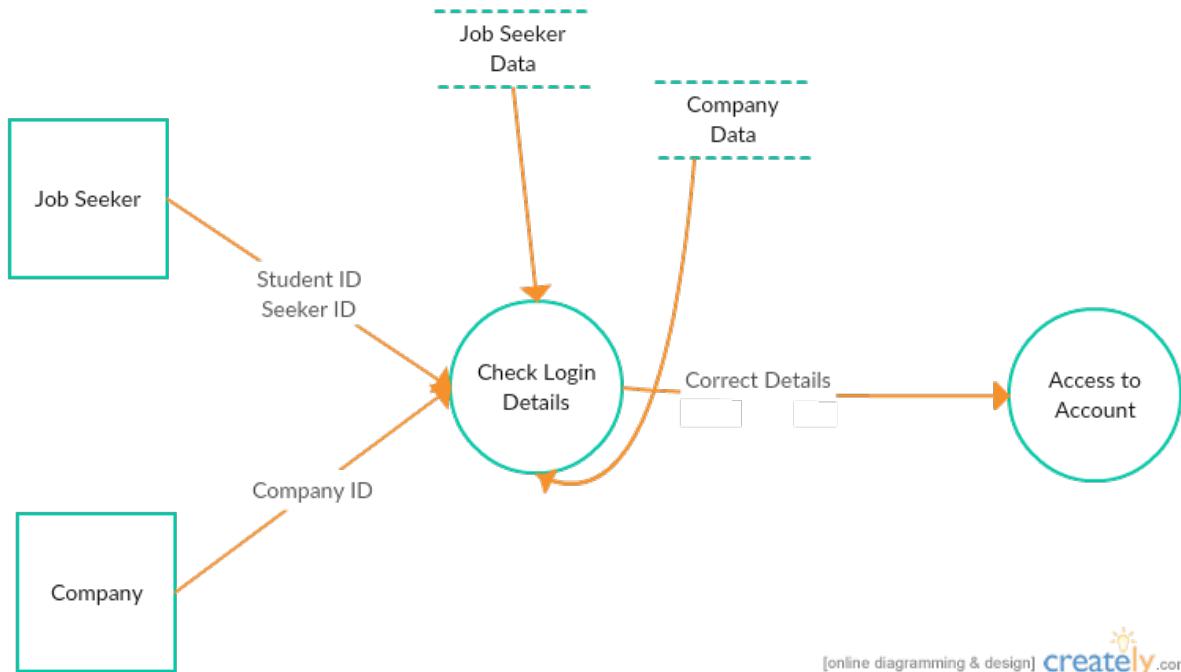
5.2 Level 1 DFD -



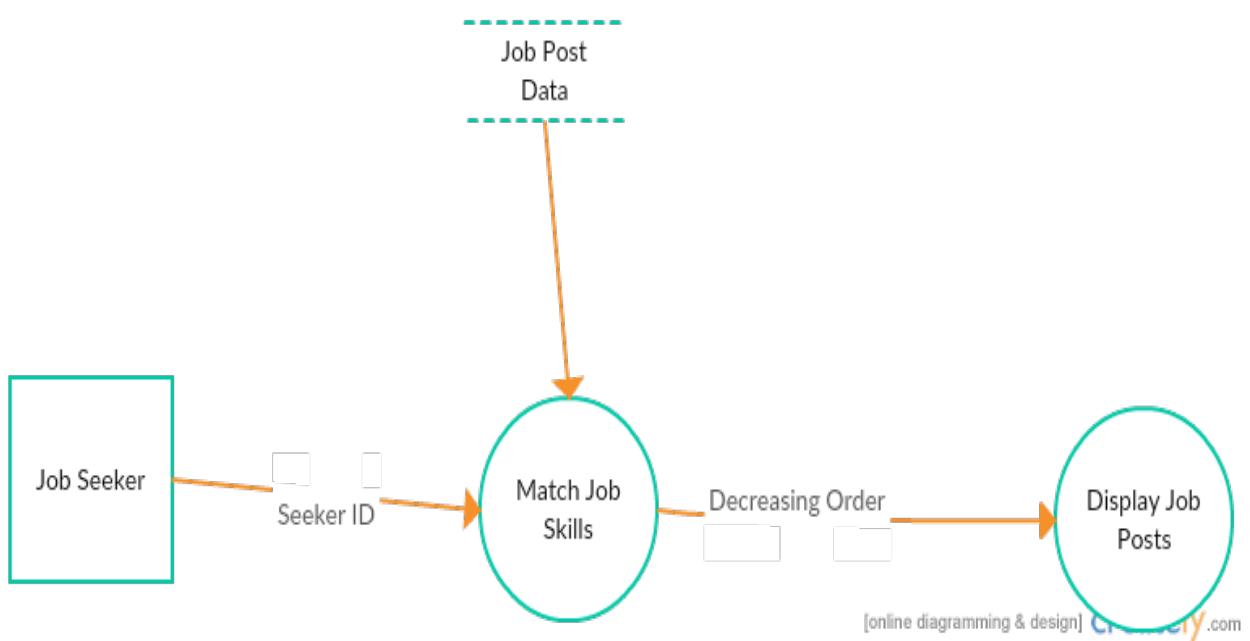
5.3 Level 2 DFD -

The various level 2 DFDs are given below –

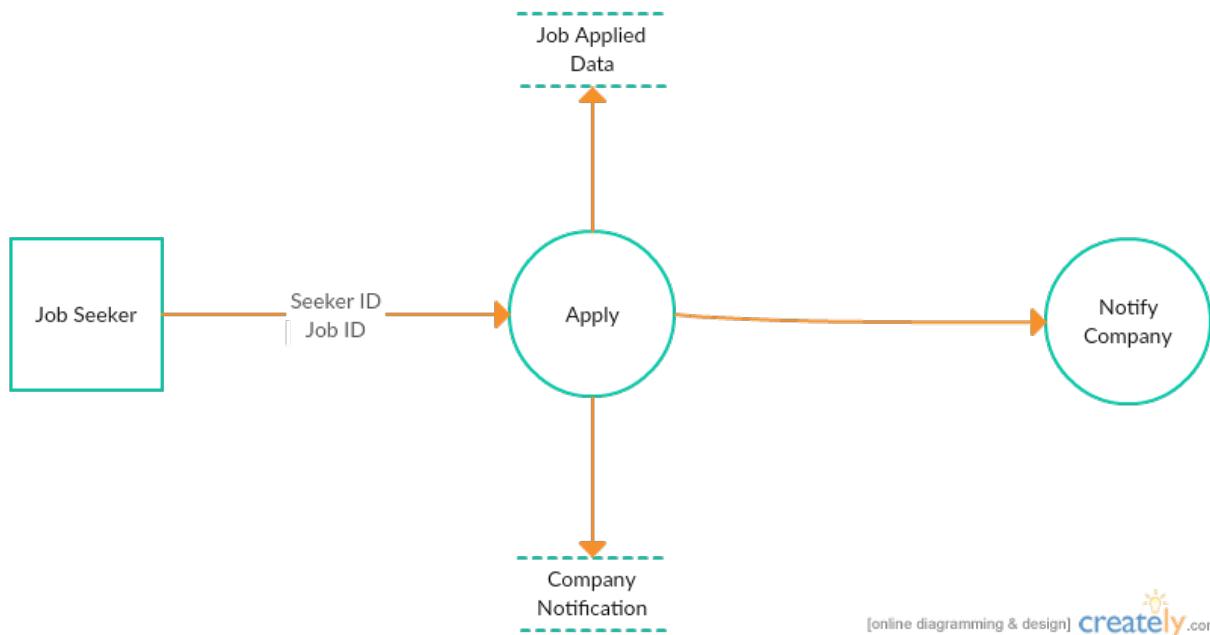
5.3.1 User Login -



5.3.2 Job Post Display -

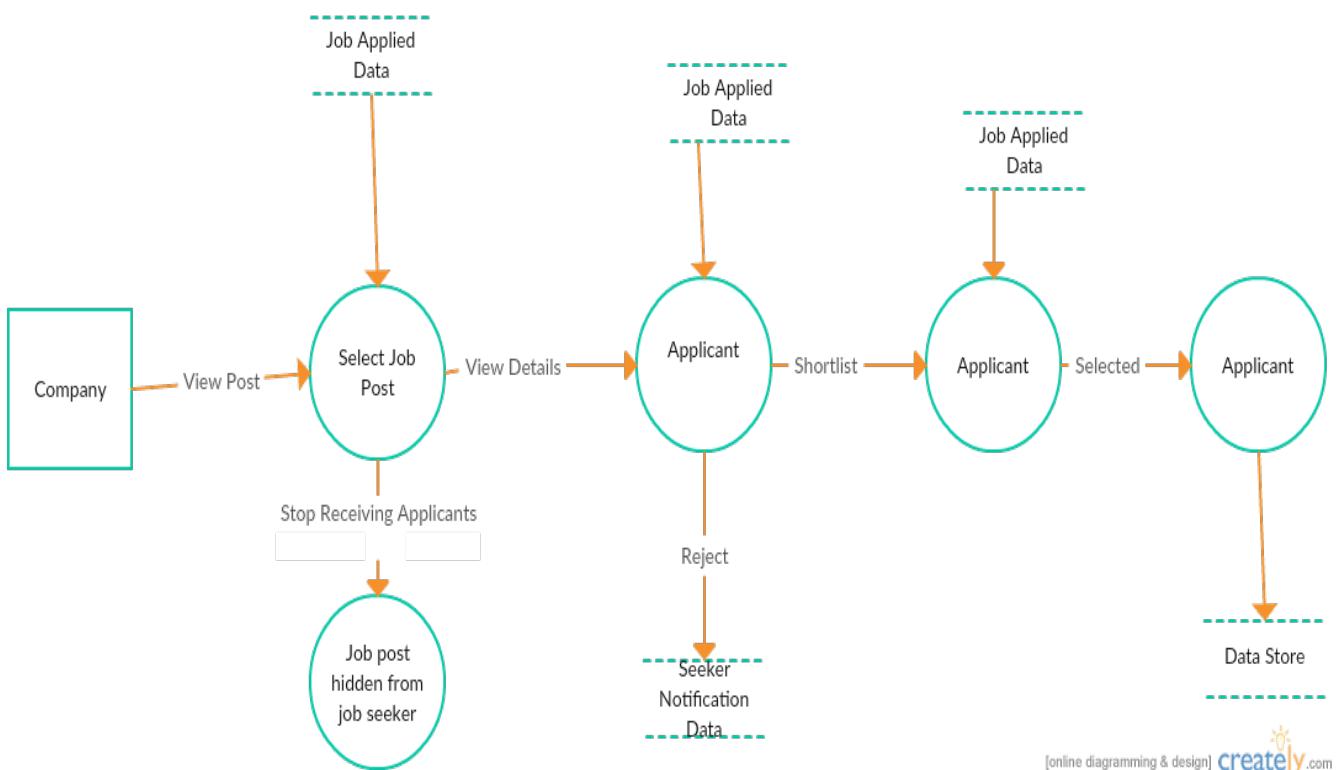


5.3.3 Apply for Job Post -



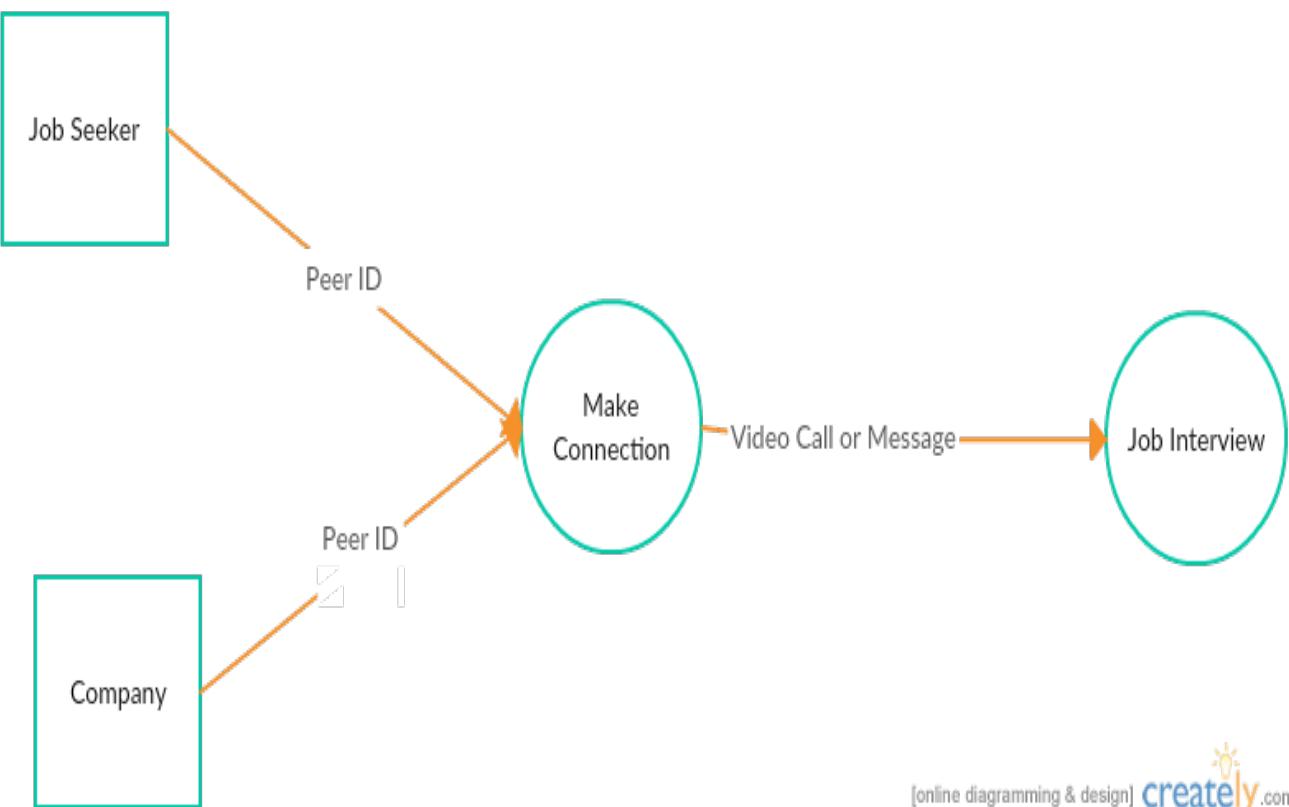
[online diagramming & design] [creately.com](#)

5.3.4 Select Applicant -



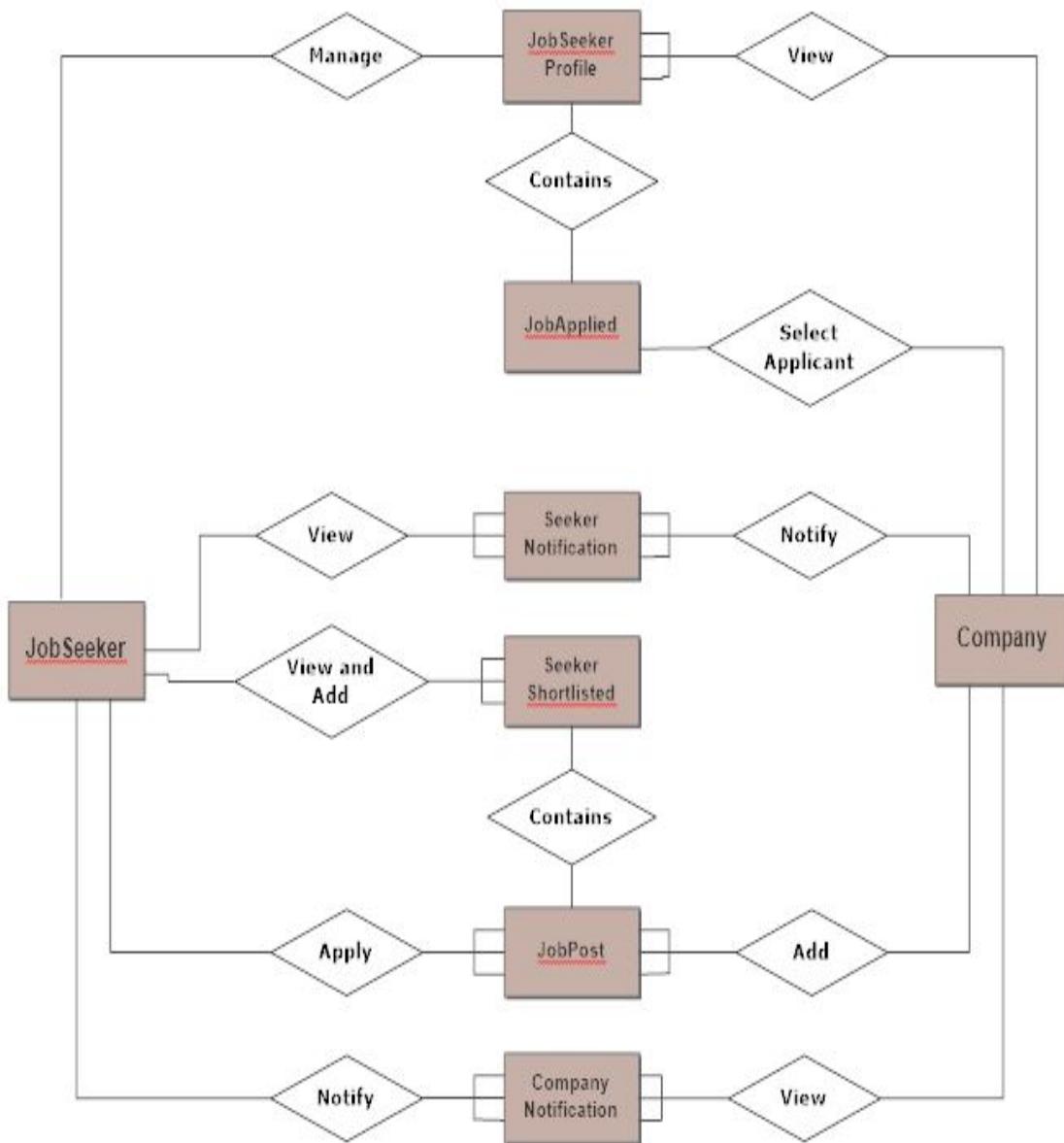
[online diagramming & design] [creately.com](#)

5.3.5 Peer to Peer Video Conferencing -



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6. Entity Relationship Diagram -



7. Test Cases –

Test case is an object for execution for other modules in the architecture does not represent any interaction by itself. A test case is a set of sequential steps to execute a test operating on a set of predefined inputs to produce certain expected outputs.

7.1 Job Seeker –

Test Case	TC-01
Test Description	Enter invalid email id/password when logging in.
Test Data	Email id – xyz@hotmail.com or Password – xyz123
Expected Result	User/Password incorrect.
Actual Result	Result as expected.
Status	Pass.
Test Case	TC-02
Test Description	Enter valid email id, password and select jobseeker checkbox.
Test Data	Email id – vhailendra2@gmail.com , Password - 12345
Expected Result	Allow jobseeker to login and proceed.
Actual Result	Jobseeker logged in and jobs displayed according to the skills mentioned in profile.
Status	Pass.
Test Case	TC-03
Test Description	Select star to shortlist job post.
Test Data	Click on star button of the job post.
Expected Result	Blank star is converted to red and job is shortlisted.
Actual Result	Result as expected.
Status	Pass.
Test Case	TC-04
Test Description	Apply for the job post.
Test Data	Click on “Apply” button.
Expected Result	Job successfully applied for and “Apply” button turns to “Applied”.
Actual Result	Result as expected.
Status	Pass.

Test Case	TC-05
Test Description	View Jobs Applied.
Test Data	Click on Job Applied menu.
Expected Result	All applied jobs are displayed with their current status.
Actual Result	Result as expected.
Status	Pass.
Test Case	TC-06
Test Description	View Jobs Shortlisted.
Test Data	Click on Jobs Shortlisted menu.
Expected Result	All shortlisted jobs are displayed.
Actual Result	Result as expected.
Status	Pass.
Test Case	TC-07
Test Description	View/Manage profile.
Test Data	Click on “Profile”
Expected Result	Profile is opened and can be managed.
Actual Result	Result as expected.
Status	Pass.
Test Case	TC-08
Test Description	View notifications.
Test Data	Click on “Notification” menu.
Expected Result	All new notifications are displayed.
Actual Result	Result as expected.
Status	Pass.
Test Case	TC-09
Test Description	Search for jobs using various parameters.
Test Data	Input search parameters.
Expected Result	Jobs displayed according to the searched parameters.
Actual Result	Result as expected.
Status	Pass.

Test Case	TC-10
Test Description	Filter jobs using various parameters.
Test Data	Input filter parameters.
Expected Result	Jobs filtered and displayed.
Actual Result	Result as expected.
Status	Pass.

7.2 Company -

Test Case	TC-01
Test Description	Enter invalid email id/password when logging in.
Test Data	Email id – xyz@hotmail.com or Password – xyz123
Expected Result	User/Password incorrect.
Actual Result	Result as expected.
Status	Pass.
Test Case	TC-02
Test Description	Enter valid email id, password and select company checkbox.
Test Data	Email id – vhailendra2@gmail.com , Password - 12345
Expected Result	Allow jobseeker to login and proceed.
Actual Result	Jobseeker logged in and jobs displayed according to the skills mentioned in profile.
Status	Pass.
Test Case	TC-03
Test Description	View any jobseeker profile in detail.
Test Data	Click on View Details button of any specific profile.
Expected Result	Detailed profile displayed.
Actual Result	Result as expected.
Status	Pass.

Test Case	TC-04
Test Description	Post a job.
Test Data	Input various job post requirement fields.
Expected Result	Job post is created and viewed to jobseekers.
Actual Result	Result as expected.
Status	Pass.
Test Case	TC-05
Test Description	View all jobs posted by company.
Test Data	Click on jobs posted menu.
Expected Result	All the previous jobs posted would be displayed.
Actual Result	Result as expected.
Status	Pass.
Test Case	TC-06
Test Description	Stop receiving applicants.
Test Data	Click on stop receiving applicants.
Expected Result	Jobseeker cannot apply for that job anymore.
Actual Result	Result as expected.
Status	Pass.
Test Case	TC-07
Test Description	View applicants for a particular job.
Test Data	Click on view applicants.
Expected Result	All the job applicants for that particular job are displayed.
Actual Result	Result as expected.
Status	Pass.
Test Case	TC-08
Test Description	Shortlist or reject applicants.
Test Data	Click the respective button.
Expected Result	Job seeker either shortlisted or rejected and candidate informed about the same.
Actual Result	Result as expected.
Status	Pass.

Test Case	TC-09
Test Description	Select Applicant for any job.
Test Data	Select candidate from the list of shortlisted candidates.
Expected Result	The candidate is selected and he/she would receive a notification regarding the same.
Actual Result	Result as expected.
Status	Pass.
Test Case	TC-10
Test Description	View notifications.
Test Data	Click on “Notification” menu.
Expected Result	All new notifications are displayed.
Actual Result	Result as expected.
Status	Pass.
Test Case	TC-11
Test Description	Search for jobs using various parameters.
Test Data	Input search parameters.
Expected Result	Jobs displayed according to the searched parameters.
Actual Result	Result as expected.
Status	Pass.
Test Case	TC-12
Test Description	Filter jobs using various parameters.
Test Data	Input filter parameters.
Expected Result	Jobs filtered and displayed.
Actual Result	Result as expected.
Status	Pass.

7.3 Peer to peer communication -

Test Case	TC-01
Test Description	Generate video conferencing ID.
Test Data	Click on video conferencing menu
Expected Result	ID generated for video conferencing and Webcam request accepted.
Actual Result	Result as expected.
Status	Pass.
Test Case	TC-02
Test Description	Establish Peer to Peer connection.
Test Data	Enter the ID of the peer to be connected to.
Expected Result	Peer to Peer connection established.
Actual Result	Result as expected.
Status	Pass.
Test Case	TC-03
Test Description	Interchange text messages.
Test Data	Type the message to be sent and click on Send message.
Expected Result	Message received on the other end.
Actual Result	Result as expected.
Status	Pass.
Test Case	TC-04
Test Description	Establish a video call.
Test Data	Click on Call button.
Expected Result	Video call is established.
Actual Result	Result as expected.
Status	Pass.
Test Case	TC-05
Test Description	Terminate the connection.
Test Data	Click on Hang button.
Expected Result	Connection to the peer is terminated.
Actual Result	Result as expected.
Status	Pass.

8. Screenshots -

8.1. Home -

The screenshot shows the Emprego job search website interface. On the left, there is a sidebar titled "FILTER" with dropdown menus for "CATEGORY", "SKILLS", "LOCATION", "SALARY", and "EXPERIENCE". The main content area is titled "RECOMMENDED JOBS". It displays two job listings:

- Networking(2 to 6 Yrs)** by Intersoftkk (India) Pvt. Ltd. Details: 1. Should have CCNA & CCNP certifications. 2. Should have work knowledge on routing & switching. (Must) 3. Should have work experience on Cisco Chassis Switches(6500/Nexus) & r... [More Details](#). Skills Required: Documentation Skill | Networking Skill | Switching Routing |. Location: Pune. Experience: 2 to 6 Yrs. A green "View Details" button is present.
- WEB DESIGNER(2 to 6 Yrs)** by Intersoftkk (India) Pvt. Ltd. Details: Should have Minimum 2 to 3 Years experience as Web Designer. Photoshop, Dreamweaver, CSS, CSS3, HTML5, Coreldraw, JQuery, Responsive, Bootstrap. Should be Creative. Good Web Design... [More Details](#). Skills Required: HTML | JavaScript | CSS | Photoshop Illustrator | Web development |. Location: Ahmedabad. Experience: 2 to 6 Yrs. A green "View Details" button is present.

At the bottom of the page, there is a taskbar with various icons and system status information: Windows logo, search icon, browser icons, file explorer, task manager, power, volume, network, battery, 10:43 PM, 23-Apr-17.

8.2 Job Seeker -

8.2.1 Job Seeker Sign Up –

The screenshot shows a web browser window titled "SignUp | Emprego" with the URL "localhost:8080/TCS_Internship_UCER/_signup.jsp". The page has a header with "SIGNUP" and two buttons: "Signup as JobSeeker" (highlighted in orange) and "Signup as Company". The main form fields include:

- Name:** Shailendra Kumar Verma
- Email ID:** 1406shail@gmail.com
- Mobile No.:** 8931022751
- Gender:** Male (radio button selected)
- Password:** (redacted)
- Confirm Password:** (redacted)

At the bottom right, there is a watermark: "Activate Windows Go to Settings to activate Windows." Below the form is a standard Windows taskbar with various icons and the date/time: "10:52 PM 23-Apr-17".

8.2.2 Jobseeker login –

The screenshot shows a web browser window titled "Home | Emprego" with the URL "localhost:8080/TCS_Internship_UCER/_home". A modal dialog box titled "Login" is open, containing:

- A radio button group: "Are you a JobSeeker" (selected) and "Are you a Company"
- Email ID:** vshailendra2@gmail.com
- Password:** (redacted)
- Login** and **Clear** buttons

Below the modal, a link says "Don't have an account? [Sign up](#)". At the bottom of the page, there is a "Details" section with requirements and a "Skills Required" section. A watermark at the bottom right says "Activate Windows Go to Settings to activate Windows.". The bottom of the screen shows a Windows taskbar with the date/time: "10:52 PM 23-Apr-17".

8.2.3 Maintaining detailed profile –

The screenshot shows the 'PROFILE' section of the Emprego application. It includes a progress bar at 52%, sections for 'Academic Details' and 'X (Secondary) Details', and a note about activating Windows.

8.2.4 View/Apply Job details –

The screenshot shows a job detail page for a 'Web Designer and Web Development' position at 'Intersoftkk (India) Pvt. Ltd.'. The page provides a detailed description of the job requirements, including skills, experience, and qualifications, along with a job description and application options.

8.2.5 View applied job status –

JOB APPLIED

- Web Designer and Web Development**
Intersoftkk (India) Pvt. Ltd.
0 to 2 Yrs • Chennai
Shortlisted
[View Details](#)
- Networking**
Intersoftkk (India) Pvt. Ltd.
2 to 6 Yrs • Pune
Rejected
[View Details](#)
- Networking**
Intersoftkk (India) Pvt. Ltd.
2 to 6 Yrs • Bengaluru / Bangalore
Selected
[View Details](#)
- Data Mining Algorithmists**
Intersoftkk (India) Pvt. Ltd.

Activate Windows
Go to Settings to activate Windows.

Windows Taskbar: Home | Emprego, Shortlist | Emprego, Job Applied | Emprego, JobSeeker, TCS Internship(UCE...), 11:55 PM, 23-Apr-17

8.2.6 Shortlist/Unshortlist job –

FILTER

CATEGORY
Choose Category

SKILLS
Choose Skills

LOCATION
Choose Location

SALARY
Choose Salary

EXPERIENCE
Choose Experience

RECOMMENDED JOBS

Web Designer and Web Development(0 to 2 Yrs)
Intersoftkk (India) Pvt. Ltd.

Details: 1) Responsible for conceptualization, design and production of corporate collaterals including brochures, newsletters, posters, web sites, identity systems and promotional campaign... [More Details](#)

Skills Required: HTML | CSS | JavaScript | PHP | MySQL | Ajax | CSS3 | Jquery | CSS3 |

0 to 2 Yrs • Chennai

★ [View Details](#)

Unshortlist Job

Activate Windows
Go to Settings to activate Windows.

Windows Taskbar: Home | Emprego, Attendance Manager, TCS Internship(UCE...), Home | Emprego - ..., Screenshots, 11:55 PM, 23-Apr-17

8.2.7 View shortlisted job –

JOB SHORTLISTED

Web Designer and Web Development
Intersoftkk (India) Pvt. Ltd.
0 to 2 Yrs Chennai [View Details](#)

WEB DESIGNER
Intersoftkk (India) Pvt. Ltd.
2 to 6 Yrs Ahmedabad [View Details](#)

8.2.8 Notification alerts –

NOTIFICATION

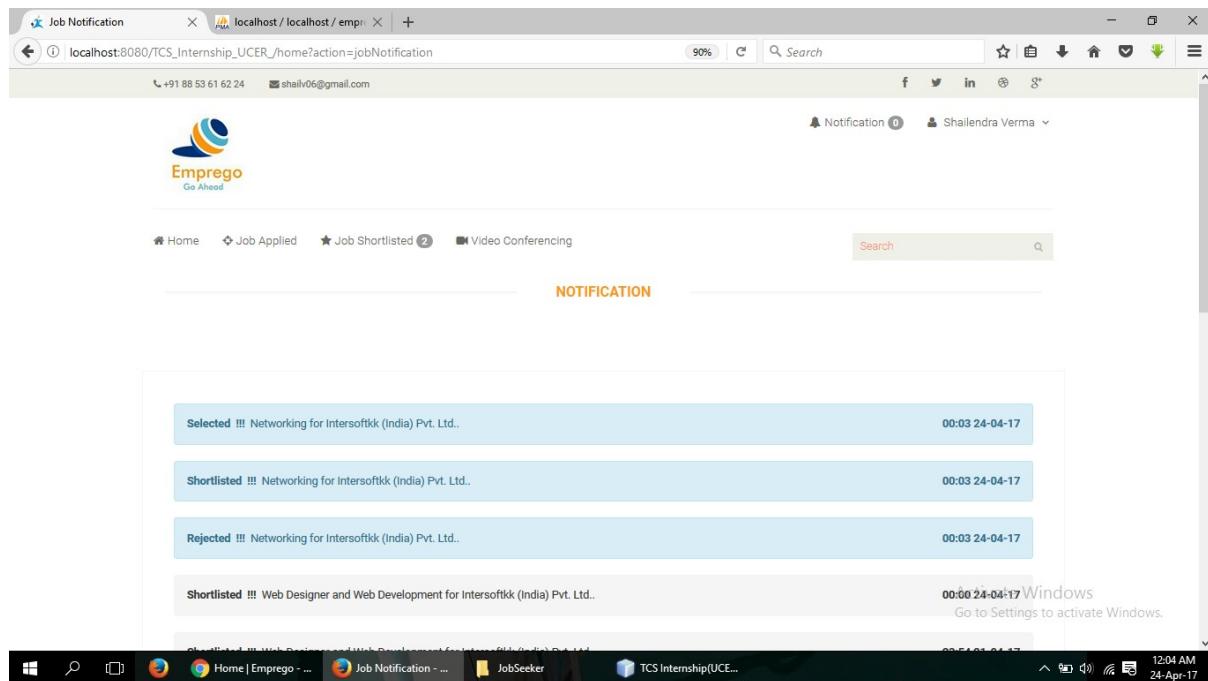
Selected !!! Web Designer and Web Development for Intersoftkk (India) Pvt. Ltd. 17:41 24-04-17

Shortlisted !!! Web Designer and Web Development for Intersoftkk (India) Pvt. Ltd. 17:41 24-04-17

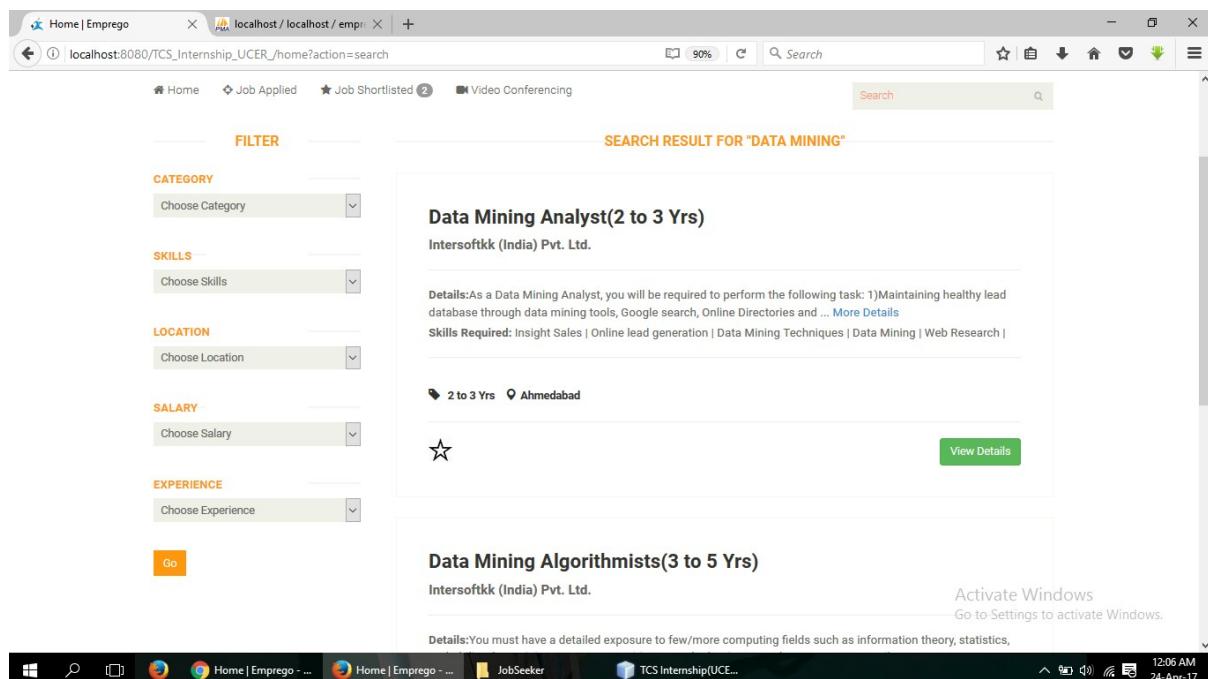
Selected !!! WEB DESIGNER for Intersoftkk (India) Pvt. Ltd. 00:32 24-04-17

Shortlisted !!! WEB DESIGNER for Intersoftkk (India) Pvt. Ltd. 00:32 24-04-17 Windows
Go to Settings to activate Windows.

8.2.9 After seen notification –



8.2.10 Search result for “Data Mining” –



8.2.11 Before applying filters –

WEB DESIGNER(2 to 6 Yrs)
Intersoftkk (India) Pvt. Ltd.

Details: Should have Minimum 2 to 3 Years experience as Web Designer. Photoshop, Dreamweaver, CSS, CSS3, HTML5, Coreldraw, JQuery, Responsive, Bootstrap. Should be Creative. Good Web Design... [More Details](#)

Skills Required: HTML | JavaScript | CSS | Photoshop Illustrator | Web development |

2 to 6 Yrs | Ahmedabad

RECOMMENDED JOBS

View Details

8.2.12 After applying filters -

Web Designer and Web Development(0 to 2 Yrs)
Intersoftkk (India) Pvt. Ltd.

Details: 1) Responsible for conceptualization, design and production of corporate collaterals including brochures, newsletters, posters, web sites, identity systems and promotional campaign... [More Details](#)

Skills Required: HTML | HTML5 | PHP | MySQL | Javascript | Ajax | CSS | JQuery | CSS3 |

0 to 2 Yrs | Chennai

RECOMMENDED JOBS

WEB DESIGNER(2 to 6 Yrs)
Intersoftkk (India) Pvt. Ltd.

Details: Should have Minimum 2 to 3 Years experience as Web Designer. Photoshop, Dreamweaver, CSS, CSS3, HTML5, Coreldraw, JQuery, Responsive, Bootstrap. Should be Creative. Good Web Design... [More Details](#)

Skills Required: HTML | JavaScript | CSS | Photoshop Illustrator | Web development |

8.3 Company -

8.3.1 Company Sign Up –

SIGNUP

Signup as JobSeeker Signup as Company

Organisation ID: 100
Organisation No. is available !!

Organisation Name: EMPREGO Corporation

Organisation Email ID: emprego@gmail.com
Email ID is available !!

Password: Confirm Password:

Submit

Activate Windows
Go to Settings to activate Windows.

8.3.2 Company login –

Login

Are you a JobSeeker Are you a Company

Email ID: shailv06@gmail.com

Password:

Login **Clear**

Don't have an account? [Sign up](#)

Activate Windows
Go to Settings to activate Windows.

8.3.3 Company Home –

The screenshot shows the Emprego company home page. On the left, there is a sidebar with filters for SKILLS (Choose Skills), INTERNSHIP (Completed Internship), and PROJECT (Completed Project). In the center, a recommended profile for Shailendra Verma is displayed. The profile includes the name, email (vshailendra2@gmail.com), and profile ID. It also lists skills (HTML, HTML5, PHP, Mysql, Javascript, Ajax, Css, Jquery, CSS3, Bootstrap) and experience (TCS Software Engineering Internship). Below the profile is a phone number (8853616224). At the bottom right, there is a green button to activate Windows.

8.3.4 Post job –

The screenshot shows the Emprego post job page. The form is titled "Job Details". It includes fields for Job Designation (Software Designer), Key Skills (Enterprise grade applications, Extremely strong OOAD designer, SOA, REST Webservices development, 5), Job Description (Good technical breadth across technology domains, etc.), Experience Required (2 - 5 Year), Specialization Required (Application Programming, Graphic Designing / Animation / Web Designing, Software Engineer), Qualification (Any Graduate), and Salary (As per Industry Standards). A note at the bottom right says "Activate Windows Go to Settings to activate Windows".

8.3.5 View profile –

Shailendra Verma
8853616224
vshailendra2@gmail.com

Skills: HTML | HTML5 | PHP | Mysql | Javascript | Ajax | Css | Jquery | CSS3 | Bootstrap |
Work Link: <https://github.com/Shailv06>
<http://www.hackerearth.com/@Shailv06>

Experience:

Designation	Organisation	Duration	Description
Software Engineering	TCS	09 March 2017 - Present	Software Engineering

Internship:

Designation	Organisation	Duration	Description
Remote InternShip	Tata Consultancy Services	09 March 2017 - Present	Valuable place for internship.

Project Completed:

Title	Duration	Description
StuDeals	4 January 2017 - 15 January 2017	Its a ECommerce website where you can buy your course related books. StuDeals executes flawlessly and have focussed on design, database redundancy and its search feature make this a fantastic site.

Academic Details:

Education Title	Institution	Degree	Stream	Percent or CGPA
Graduation	United College of Engineering & Research	BTech	CS	75.04%

Education Title	Year of Completion	Board	Percent or CGPA	School
Intermediate	2013	CBSE	83%	Bethany Convent School
High School	2011	CBSE	8.6	Bethany Convent

Activate Windows
Go to Settings to activate Windows.

8.3.6 View job posted –

Job Posted

- Web Designer and Web Development**
Graphic Designing / Animation / Web Designing
Post ID: 2
0 to 2 Yrs Chennai
1 Shortlisted 2 Applied
[Stop Receiving Applicant](#) [View Applicant](#)
- WEB DESIGNER**
Application Programming , Graphic Designing / Animation / Web Designing , Software Engineer
Post ID: 1
2 to 6 Yrs Ahmedabad
0 Shortlisted 2 Applied
[Stop Receiving Applicant](#) [View Applicant](#)
- Data Mining Analyst**
Business / Systems Analysis , Database Administration (DBA)
Post ID: 3
2 to 3 Yrs Ahmedabad
0 Shortlisted 1 Applied
[Stop Receiving Applicant](#) [View Applicant](#)
- Data Mining Algorithmists**
0 Shortlisted 1 Applied

Activate Windows
Go to Settings to activate Windows.

8.3.7 Shortlist or Reject applicant –

Applicant

Shailendra Verma vshailendra2@gmail.com 1	View Details Reject Shortlist
Shailendra 1995shail@gmail.com 2	View Details Reject Shortlist

Activate Windows
Go to Settings to activate Windows.

8.3.8 Select applicant –

The screenshot shows a web browser window with multiple tabs open. The active tab is 'localhost:8080/TCS_Internship_UCER_/home?action=shortlist&seekerid=1&jobid=1'. The page title is 'Shortlist'. It displays a list of applicants under the 'Shortlisted' tab. The first applicant listed is Shailendra Verma, with the email vshailendra2@gmail.com. Below his name, there is a contact number 8853616224. There are 'View Details' and 'Selected' buttons at the bottom of his profile. Other tabs visible in the browser include 'Shortlist | Emprego', 'localhost / localhost / emp...', 'Inbox (785) - shailv06@gmail.com', 'Web - job times', 'Jobs Search | Recruitment | ...', and 'Video Conferencing'.

8.3.9 After notification –

The screenshot shows a web browser window with multiple tabs open. The active tab is 'localhost:8080/TCS_Internship_UCER_/home?action=jobNotification'. The page title is 'Job Notification'. It displays a list of notifications under the 'NOTIFICATION' section. The notifications are:

- Applied III Shailendra Verma for Web Designer and Web Development. (23:38 23-04-17)
- Applied III Shailendra for Web Designer and Web Development. (23:55 21-04-17)
- Posted III Networking. (20:43 07-04-17)
- Applied III Shailendra Verma for Networking. (22:16 06-04-17)

The browser interface includes a header with the Emprego logo, a search bar, and social media links. The taskbar at the bottom shows icons for Home | Emprego, Job Notification, Screenshots, and TCS Internship(UCER...). The system tray indicates the date as 24-Apr-17 and the time as 12:33 AM.

8.3.10 Before applying filters in search –

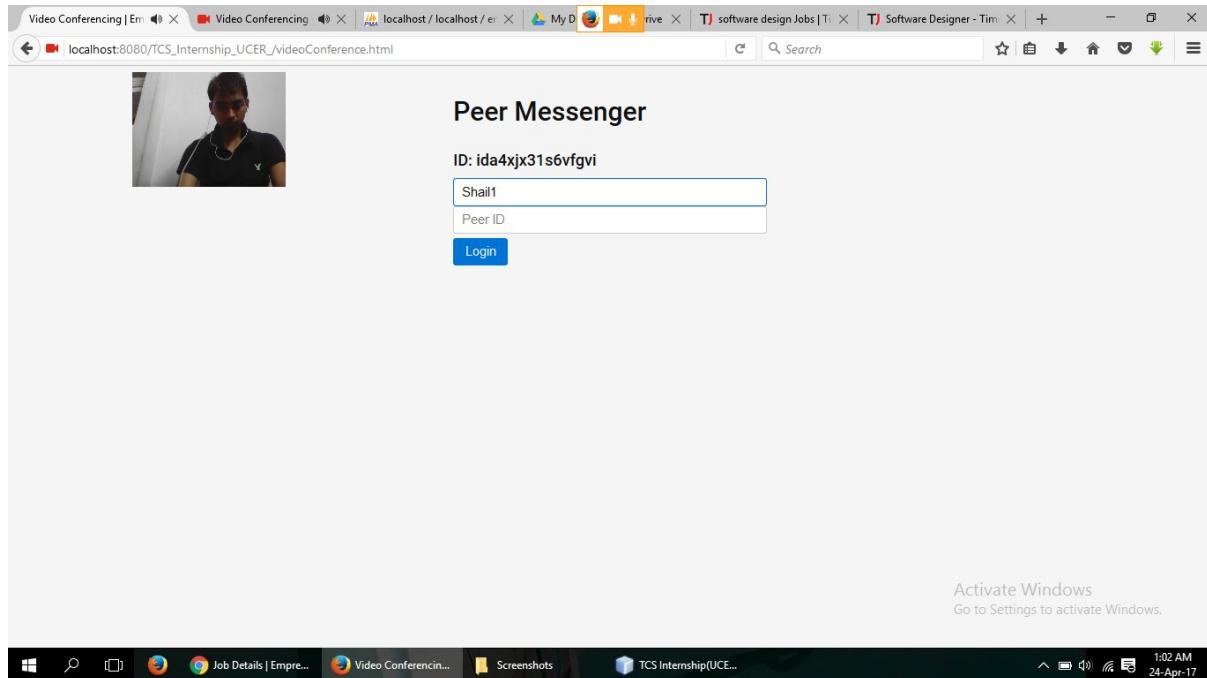
The screenshot shows a web browser window with multiple tabs open. The active tab displays a search result for 'Java'. On the left, there is a sidebar with filter options: 'SKILLS' (Java selected), 'INTERNSHIP' (Completed Internship selected), and 'PROJECT' (Completed Project selected). A large button labeled 'Go' is at the bottom of the sidebar. The main content area shows a profile for 'Shailendra Verma' with contact information and a 'View Details' button. Below it is another profile for 'Shailendra' with similar details. The taskbar at the bottom shows various icons and the date '24-Apr-17'.

8.3.11 After Applying filters in search –

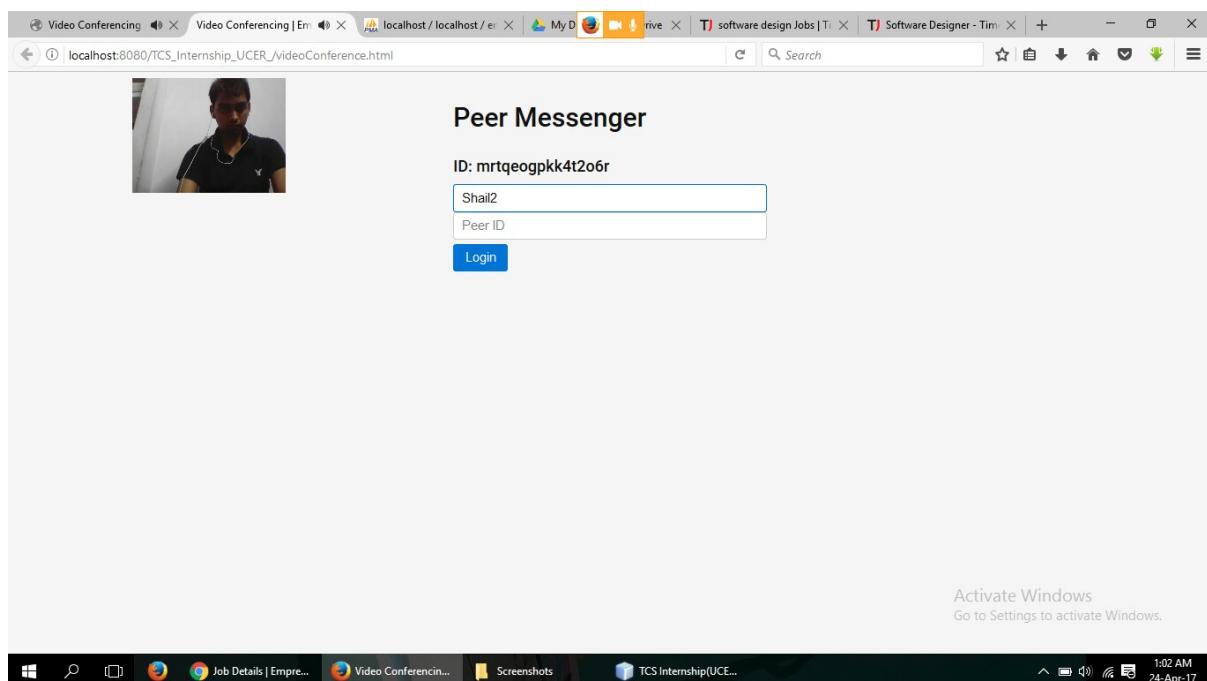
The screenshot shows a web browser window with a 'FILTER' section on the left. Under 'SKILLS', the dropdown menu is set to 'Choose Skills'. The other filter sections ('INTERNSHIP' and 'PROJECT') have their checkboxes unchecked. The main content area shows the same profiles for 'Shailendra Verma' and 'Shailendra' as in the previous screenshot. The taskbar at the bottom shows various icons and the date '24-Apr-17'.

8.4 Peer to Peer connection using WebRTC -

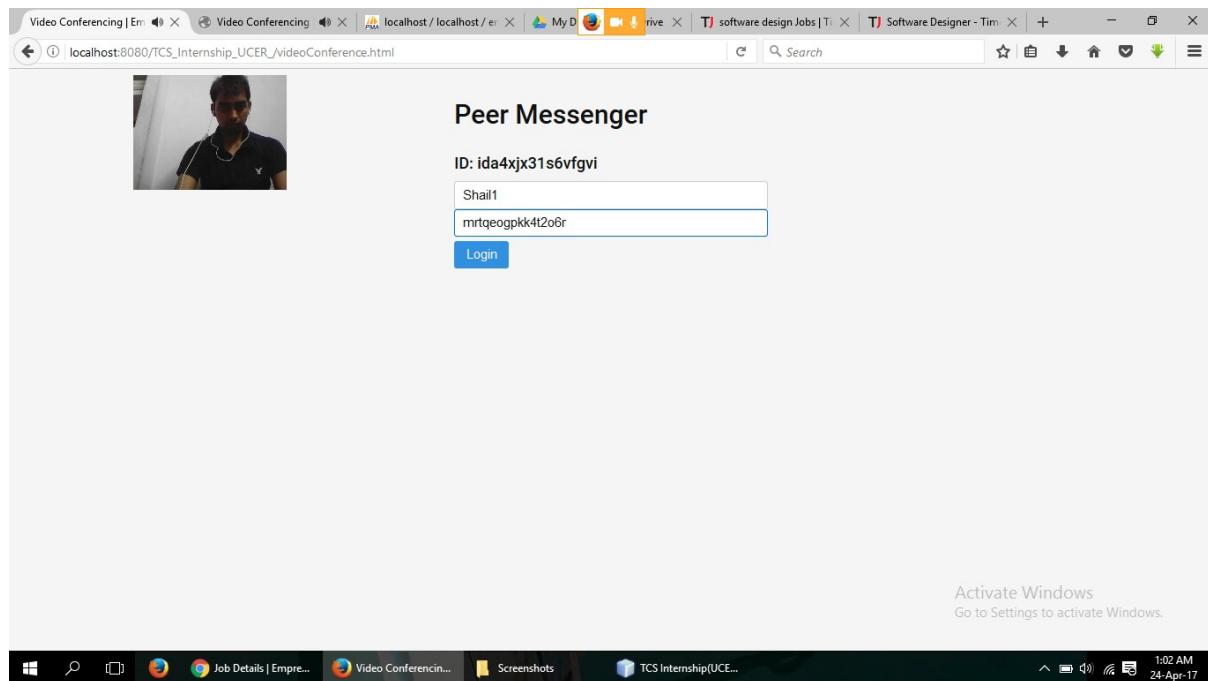
8.4.1a Peer1 before connection –



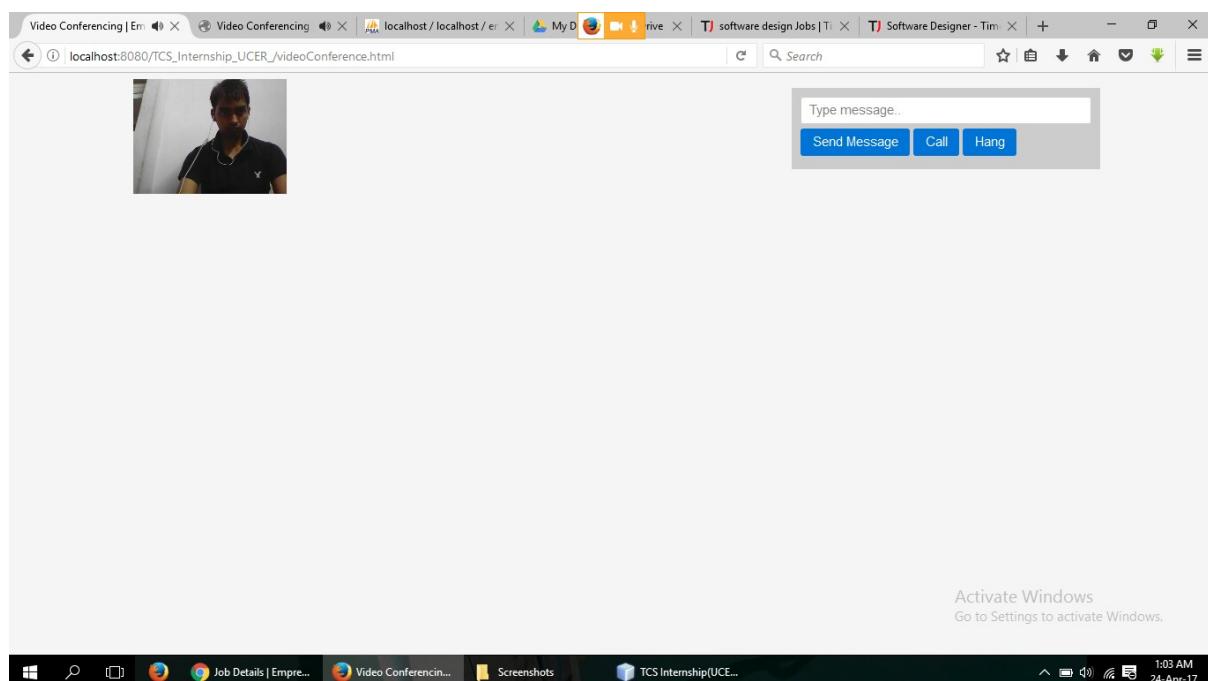
8.4.1b Peer2 before connection –



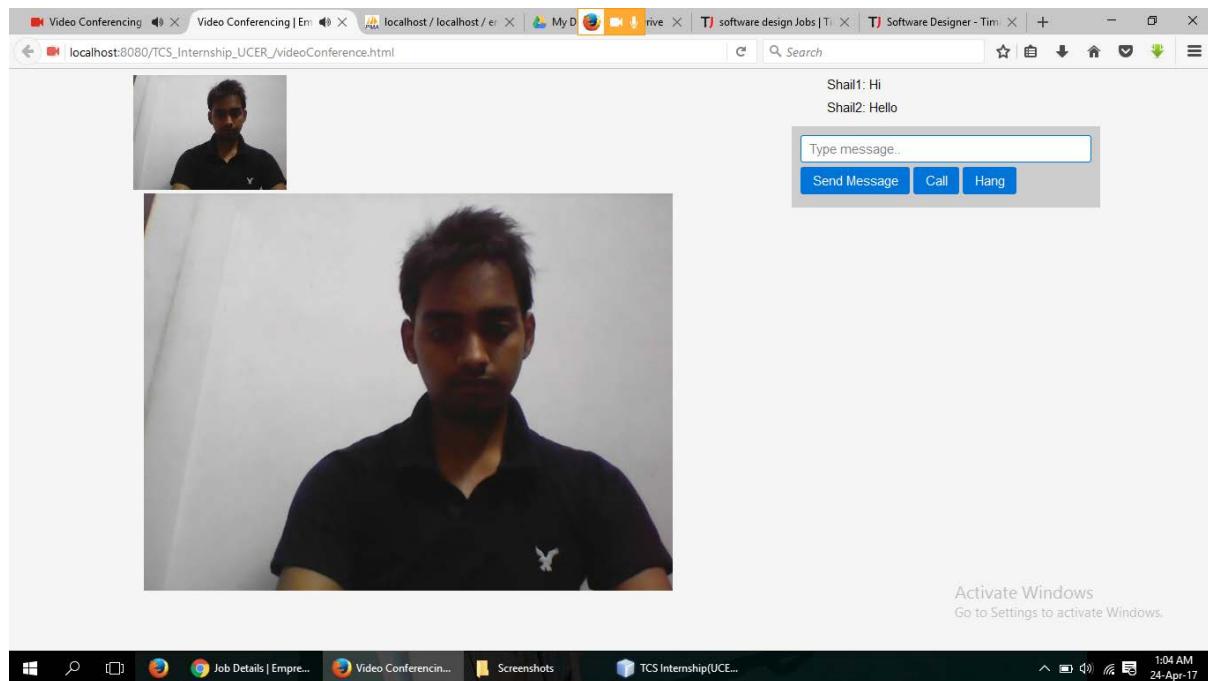
8.4.2a Peer1 making connection –



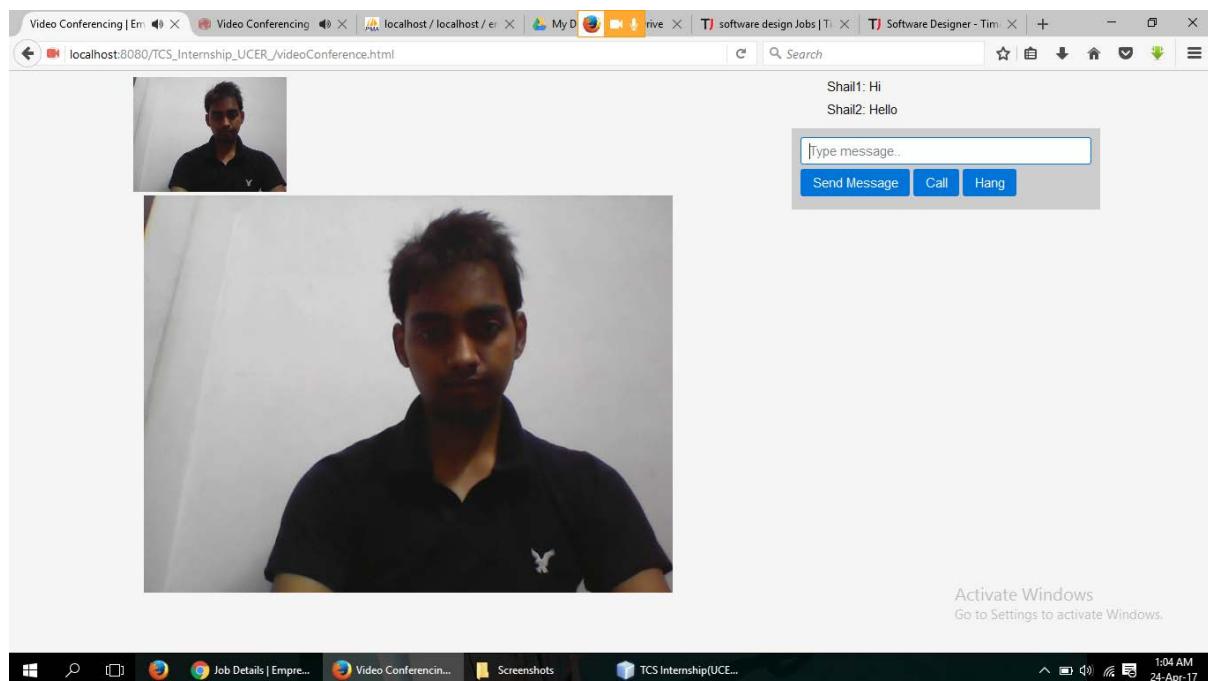
8.4.2b Connection successful –



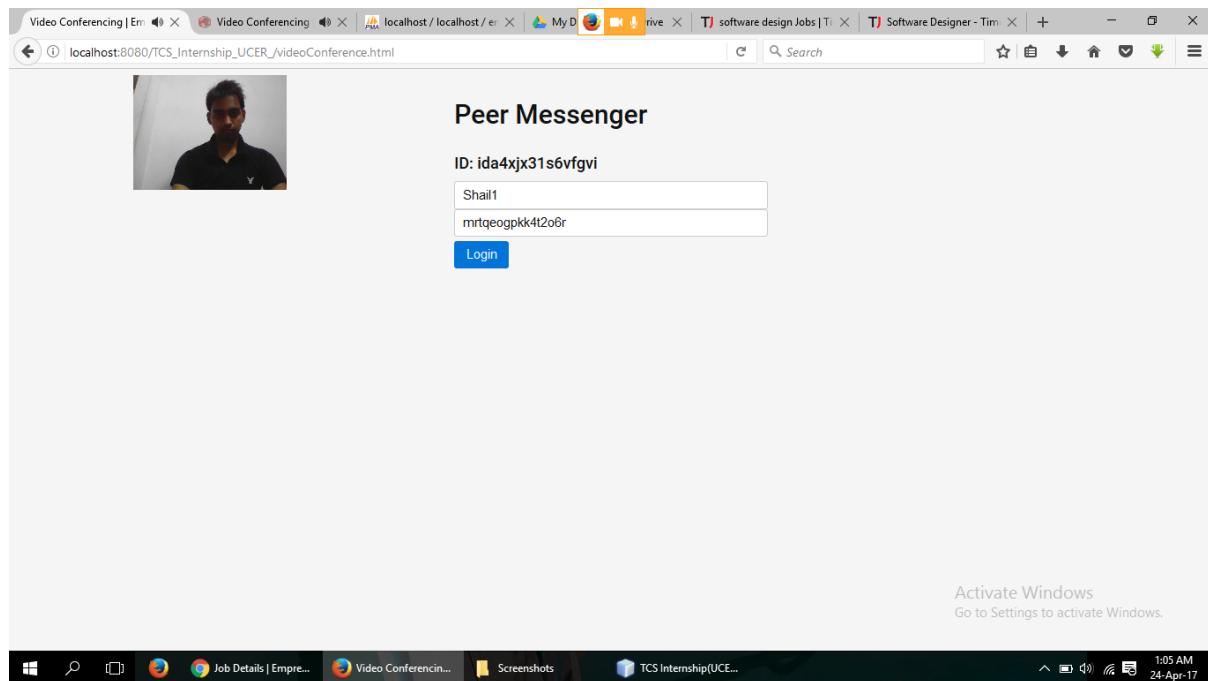
8.4.3a Video Conferencing (Peer1 with Peer2) –



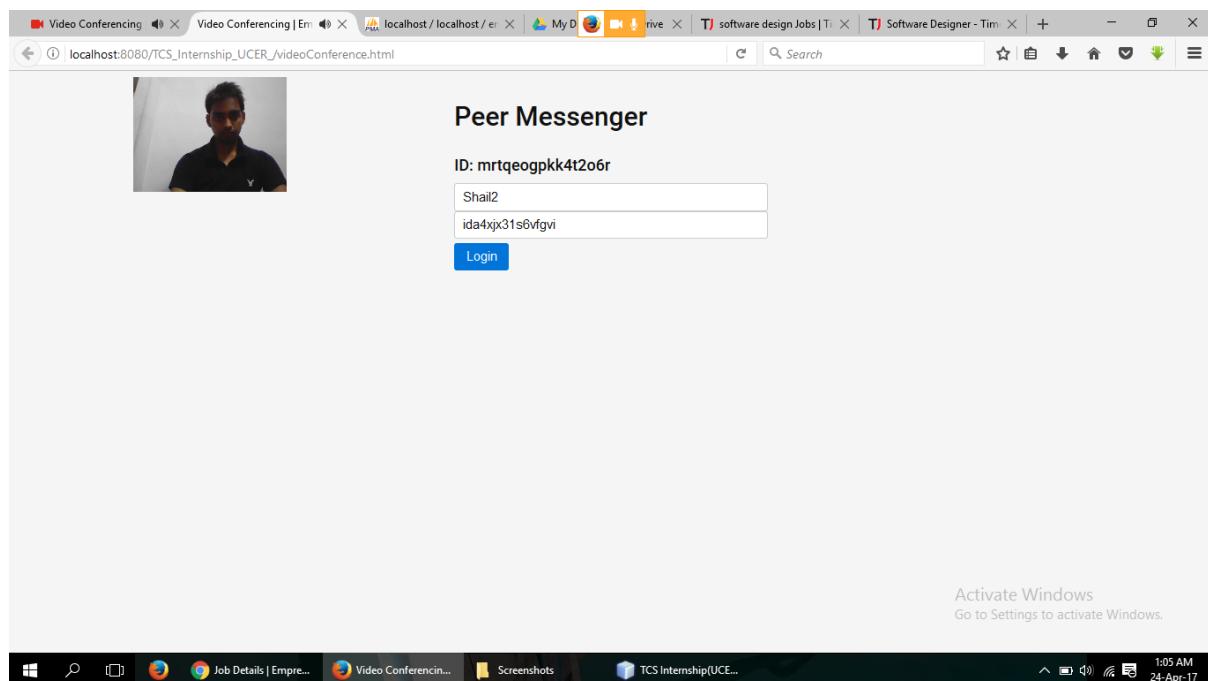
8.4.3b Video Conferencing (Peer2 with Peer1) –



8.4.4a Connection terminated (Peer1) –



8.4.4b Connection terminated (Peer2) –



9. Demonstration –

The builds were periodically updated on github since the very beginning, and on April 18th, a project prototype was showcased to our mentor by uploading the source code on github.

The final build was uploaded on github on the 22nd of March '17, and was showcased to our mentor.

10. Future Enhancements –

Various enhancements could be made to this project to increase its functionality such as –

- Adding more number of selection rounds
- Advertisement could be introduced to gain profits
- Change/Forgot password
- Login via google/facebook
- Sending e-mail notifications
- Verification via OTP
- Other UI Improvements