

1 Objective

Create an application with which a normal user or an admin user creates a company, view and approve a company. Company is an entity – e.g. restaurants listed with Swiggy.

The Assignment has four simple components / set of screens.

1. Register
2. Login
3. Admin Screens
4. Normal User Screens

There are two kind of users with roles – IT_ADMIN and IT_USER_NORMAL.

There are two tables – USER, COMPANY. Please refer to the fields for both of these tables:

USER

1. name
2. username
3. password
4. role
5. email
6. mobile

COMPANY

1. name
2. address
3. created_by
4. status (approved/unapproved)

Create one admin user and 3 normal users. You may choose any username/password for admin user and normal users. Please refer to subsequent sections for details.

2 Screens

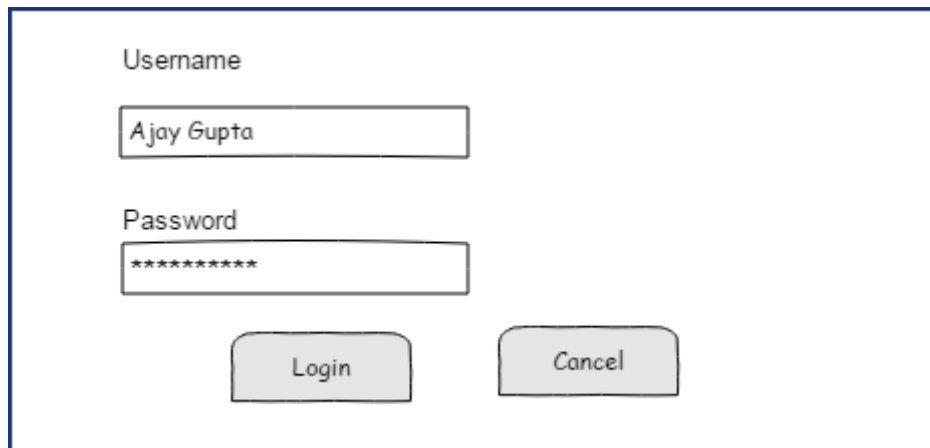
2.1 Register

Create register page with fields: name, email, mobile, password, username and role and save details in “**USER**” table. (Roles will be IT_ADMIN or IT_USER_NORMAL)

2.2 Login

On this screen provide input fields for Username and Password. Authenticate if username and password are correct.





A login form with a blue border. It contains two input fields: 'Username' with the text 'Ajay Gupta' and 'Password' with masked characters '*****'. Below the fields are two buttons: 'Login' and 'Cancel'.

If Username and Password belong to role IT_ADMIN then open Admin screen.

If Username and Password belong to role IT_NORMAL_USER then open User screen.

2.3 Admin Screen

2.3.1 Company Listing

2.3.1.1 Filters

User should be able to search by login id / created_by and company name. A user may use anyone of both fields for filter.

SNo.	Company Name	Created By	Company Address	Actions
1.	Company 1	<Adminusername >	Company address 1	<button>Edit</button> <button>Delete</button>
2.	Company 2	<Normal User login id>	Company address 2	<button>Edit</button> <button>Delete</button> <button>Approve</button>
3.	Company 3	<Normal User login id>	Company address 3	<button>Edit</button> <button>Delete</button> <button>Approve</button>
4.	Company 4	<Normal User login id>	Company address 4	<button>Edit</button> <button>Delete</button> <button>Approve</button>



- **Edit button** will open the company details of that company. Any changes that are saved will be recorded in the company table.
- **Delete button** will delete company details from company table.
- **Approve button** will be used to approve company if details look good to admin. (After approving company it will be marked as APPROVED in company table.

If an admin creates company then Approve button will not be shown in list. It will be approved by default if company is created by admin (status set to APPROVED).

2.3.2 Edit Company

Edit company	
Enter Details	
Company name:	<input type="text"/>
Company address:	<input type="text"/>
Created By:	<input type="text"/>
<div><div>Save</div><div>Cancel</div></div>	

Here created by field will be readonly.

2.3.3 Create company

Create company	
Enter Details	
Company name:	<input type="text"/>
Company address:	<input type="text"/>
<div><div>Save</div><div>Cancel</div></div>	

Status will be APPROVED by default when admin creates company.



2.4 Normal User Screen

Normal user can either create company or see list of companies created by him/her.

2.4.1 Company Listing

List of companies created by him/her:

S.No.	Company name	Company address	Status
1	Company 1	Gurgaon	UNAPPROVED
2	Company 2	Calcutta	APPROVED

2.4.2 Create company

Create company

Enter Details

Company name:

Company address:

Save

Cancel

Status will be UNAPPROVED by default if a normal user creates company.

An admin can approve a company to change its status from UNAPPROVED to APPROVED.

3 Technologies

- Language: Pick any one of Java, python, JavaScript
- UI: Pick any JavaScript framework such as Angular, React
- Database: Pick any one of MySQL, No SQL (MongoDB)



4 Format of submission

Please submit the code using any git platform (GitHub, GitLab, BitBucket). Please attach relevant README.md file and any other documentation in git platform or in email.

Please send an email with the link to repository on career@vfirstt.com

Please note that we may request to see working project during interview.

5 Duration

5 days

6 Contact us

Please send an email to career@vfirstt.com if there is any **question** or to **submit final** assignment.

