

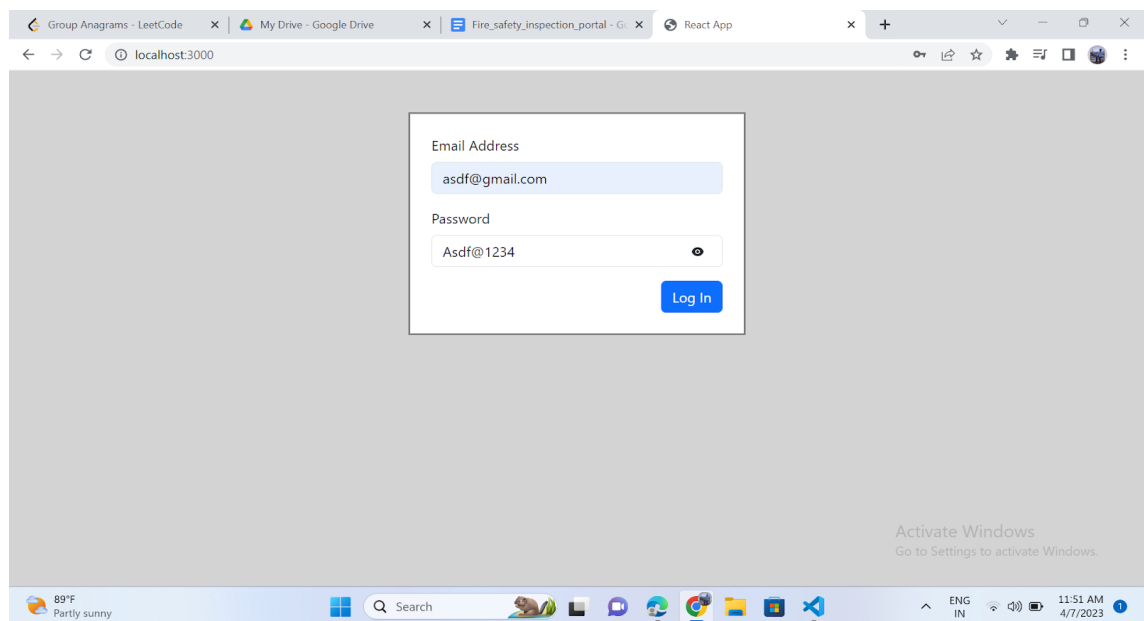
Project Title	Fire Safety Inspection Portal
Client Name	Mark
Web Developer	Reinforce Software Solutions Pvt. Ltd.

Introduction :

The Fire Inspection Project will be a Web portal , Which will be used by the Client (Fire Inspection Consultant) . This portal will help clients to Manage the record of clients for their fire extinguisher equipment inspections .

Modules of Projects:

- **Login:-**This Module takes an email id and password as an input then verifies the user if the user is valid.so go to dashboard module. If the user is invalid so inform the user through a pop up box.

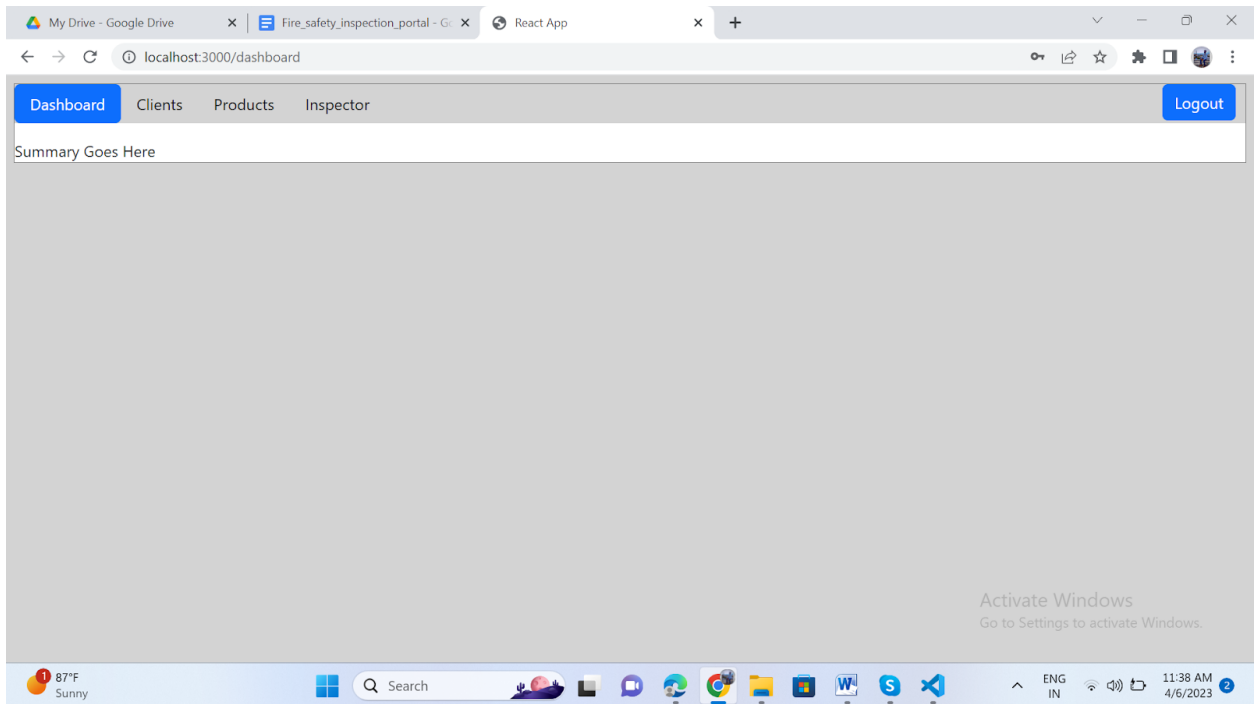


Demo email Id and Password For Login;-

Email:- asdf@1234gmail.com

Password:- Asdf@1234

- Dashboard:-Dashboard Module shows a summary about a project



- Client

- Add Client:-We can add client detail through an add client form.

The screenshot shows a web browser window with the URL `localhost:3000/dashboard`. The application has a navigation bar with 'Dashboard', 'Clients', 'Products', and 'Inspector'. The 'Clients' tab is active, and the 'Add Client' button is highlighted. The 'Add New Client' form contains the following fields:

- Name:
- State:
- Email:
- Address:
- Password:
- Phone:
- City:
- Other Info:

A 'Save Data' button is located at the bottom right of the form. An 'Activate Windows' watermark is visible in the bottom right corner of the application area.

- View Client:-We can see,delete,update all client details through the table .

The screenshot shows the 'View Client' section of the web application. It includes a 'Client List' tab and an 'Add Client' button. Below the tabs, there is a 'Show 2 entries' label and a 'Search' input field. A 'Select Multiple' button is also present. The table displays the following data:

Name	City State	Address	Contact	Action
Arvind Gurjar	indore mp	sabdjagh hjsuj	arvindgurjar009@gmail.com	✎ ✖
pkli	rkiya mp	dskthus shuifhsuuc u sghdjhuj	arvindgurjar5441@gmail.com	✎ ✖

At the bottom of the table, it says 'Showing 1 to 2 of 2 entries'. There are 'Previous', '1', and 'Next' navigation buttons. An 'Activate Windows' watermark is visible in the bottom right corner of the application area.

- Delete One Client:-We can delete one client detail on the click delete icon which is present on the client table.
- Delete Multiple Client:-we can delete multiple clients through select a multiple client after clicking select multiple button then select all clients which wants to delete then click on delete all button for deleting selected clients detail.
- Edit a Client Detail:-We can edit detail of client through click on edit icon which is present on client table then open modal box of client details then edit the detail of client then click on save button for updating a change.
- Search Client:-we can search. through entering any detail of the client into a search field.

- Product:-

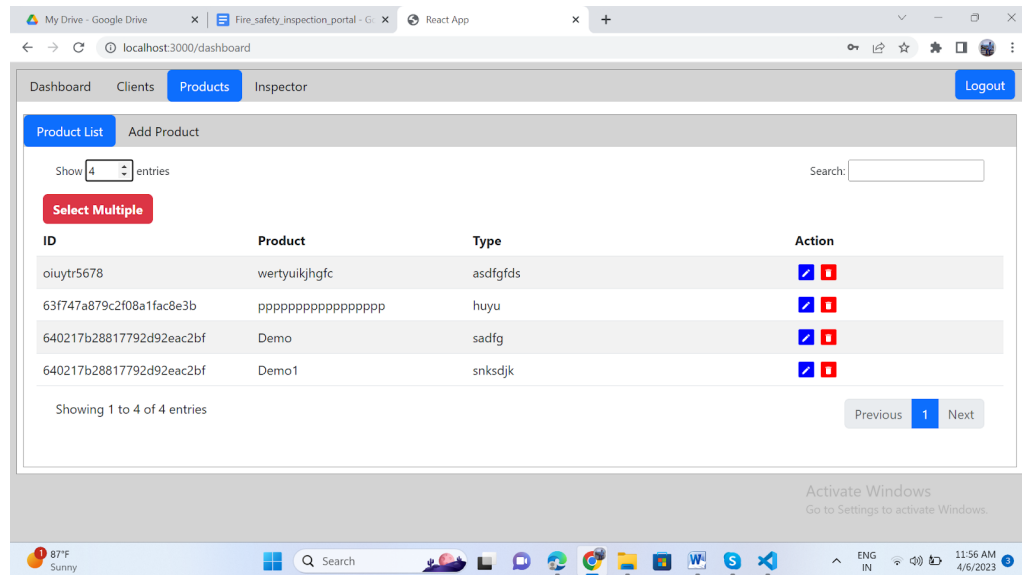
- Add Product:-We can add product detail through an add product form.

The screenshot shows a web browser window with the URL `localhost:3000/dashboard`. The application has a navigation bar with tabs: **Dashboard**, **Clients**, **Products** (active), and **Inspector**. A **Logout** button is in the top right. Below the navigation bar, there's a **Product List** section with an **Add Product** button. The **Add New Product** form includes the following fields:

- Select client**: A dropdown menu with the value `none`.
- Product Name**: A text input field.
- Manufactured Date**: A date input field with the placeholder `mm/dd/yyyy` and a calendar icon.
- Extinguisher Type**: A text input field.
- Extinguisher Next Due Date**: A date input field with the placeholder `mm/dd/yyyy` and a calendar icon.
- Extinguisher Capacity**: A text input field.
- Remark**: A text area.

A **Save Data** button is located at the bottom of the form. An **Activate Windows** watermark is visible in the bottom right corner of the application area. The Windows taskbar at the bottom shows the date as 4/6/2023 and the time as 11:55 AM.

- View Product:-We can see,delete,update all product details through a product table .



- Delete One Product:-We can delete one product detail on the click delete icon which is present on the product table.
- Delete Multiple Products:-we can delete multiple products through select a multiple product after clicking select multiple button then select all products which wants to delete then click on delete all button for deleting selected products detail.
- Edit a Product Detail:-We can edit detail of product through click on edit icon which is present on product table then open model box of product details then edit the detail of product then click on save button for updating a change.
- Search Product:-we can search through entering any detail of product into a search field.

- Inspector:-

- Add Inspector:-We can add inspector detail through an add inspector form.

The screenshot shows a web browser window with the URL `localhost:3000/dashboard`. The application has a navigation bar with 'Dashboard', 'Clients', 'Products', and 'Inspector' (highlighted in blue). A 'Logout' button is in the top right. Below the navigation bar, there's a section titled 'Inspector List' with an 'Add Inspector' button. The main area contains the 'Add New inspector' form with the following fields:

- Name:
- State:
- Email:
- Address:
- Password:
- Phone:
- City:
- Other Info:

A 'Save Data' button is at the bottom right of the form. An 'Activate Windows' watermark is visible in the bottom right corner.

- View Inspector:-We can see,delete,update all inspector details through an inspector table .

The screenshot shows the 'Inspector List' section of the web application. It includes a search bar and a 'Select Multiple' button. The table displays the following data:

Name	City State	Address	Contact	Action
Arvind Gurjar	gmdfklgjl mp	,mdfmkblvmdfvlmdhgygyuj	arvin@gmail.com	Edit Delete

Below the table, it says 'Showing 1 to 1 of 1 entries'. Navigation buttons 'Previous', '1', and 'Next' are at the bottom right. An 'Activate Windows' watermark is visible in the bottom right corner.

- Delete One Inspector:-We can delete one inspector detail on the click delete icon which is present on the inspector table.
- Delete Multiple Inspector:-we can delete multiple inspectors through select a multiple inspector after clicking select multiple button then select all inspectors which wants to delete then click on delete all button for deleting selected inspectors detail.
- Edit a Inspector Detail:-We can edit detail of inspector through click on edit icon which is present on inspector table then open model box of inspector details then edit the detail of inspector then click on save button for updating a change.
- Search Inspector:-we can search through entering any detail of inspector into a search field

Database:- MongoDB has been used for creating a database in this project.

version of MongoDB is 6.0.1



- **Clusters of Modules:-**

- Admin:-In below picture shows admin details stored into the database.

```
_id: ObjectId('640c4ed86d05e319074bc99b')
admin_email: "asdf@gmail.com"
admin_phone: "3456787654"
admin_password: "$2b$10$R/DzC4wC/JjzdhMQ4smDhOCokQQd6McDW7vSsJHgV9EGMMVT/a002"
__v: 0
```

- Clients:-In below picture shows clients details stored into database.

Review of documents

```
_id: ObjectId('63f747a879c2f08a1fac8e3b')
client_name: "Arvind Gurjar"
client_email: "arvindgurjar009@gmail.com"
client_password: "Aasdf@1234"
client_city: "indore"
client_state: "mp"
client_address: "sabdjagh hjshuj"
client_phone: "8787878789"
```

```
_id: ObjectId('640217b28817792d92eac2bf')
client_name: "pkli"
client_email: "arvindgurjar5441@gmail.com"
client_password: "Aasd@123"
client_city: "rkiya"
client_state: "mp"
client_address: "dskfhushuifhsuuc u sghdjhu"
client_phone: "9898989898"
```

- Product:-In below picture shows a product's detail stored into a database.

Review of documents

```
_id: ObjectId('63fe16c33f32b804cad142fa')
product_name: "wertyuikjhghfc"
product_extinguisher_type: "asdfgfs"
product_extinguisher_capacity: "asdfvb"
product_manufactured_date: "2023-02-28"
product_due_date: "2023-02-27"
product_remarks: "sdfgds"
product_client_id: "oiuytr5678"
```

```
_id: ObjectId('640217457e06ae72cb8db06a')
product_name: "pppppppppppppppppp"
product_extinguisher_type: "huyu"
product_extinguisher_capacity: "cscds"
product_manufactured_date: "5675-03-06"
product_due_date: "2023-02-28"
product_remarks: "rtew"
product_client_id: "63f747a879c2f08a1fac8e3b"
```

```
_id: ObjectId('64267a')
product_name: "Demo"
product_extinguisher_type: "huyu"
product_extinguisher_capacity: "cscds"
product_manufactured_date: "5675-03-06"
product_due_date: "2023-02-28"
product_remarks: "jjj"
product_client_id: "63f747a879c2f08a1fac8e3b"
```

- Inspector:-In below picture shows Inspectors details stored into a database.

```
▶ _id: ObjectId('64267d231e19a209843d15ed')
  inspector_name: "Arvind Gurjar"
  inspector_email: "arvin@gmail.com"
  inspector_password: "Aasdf@12345"
  inspector_city: "gmdfklgjl"
  inspector_state: "mp"
  inspector_address: ",mdfmkblvmdflvmldhgjgyuj"
  inspector_phone: "5678789878"
  inspector_other_info: "fndk"
  inspector_consultant_id: "1234567890"
  inspector_date: 2023-03-31T06:26:43.119+00:00
  __v: 0
```

Technology Used :-

- **Front-end:-**

- React js :- 18.1.0
- Bootstrap:-5.3.0

- **Back-end:-**

- Node js:-18.15.0
- Express js:-4.18.2

- **Database:-**

- MongoDB:-6.0.1