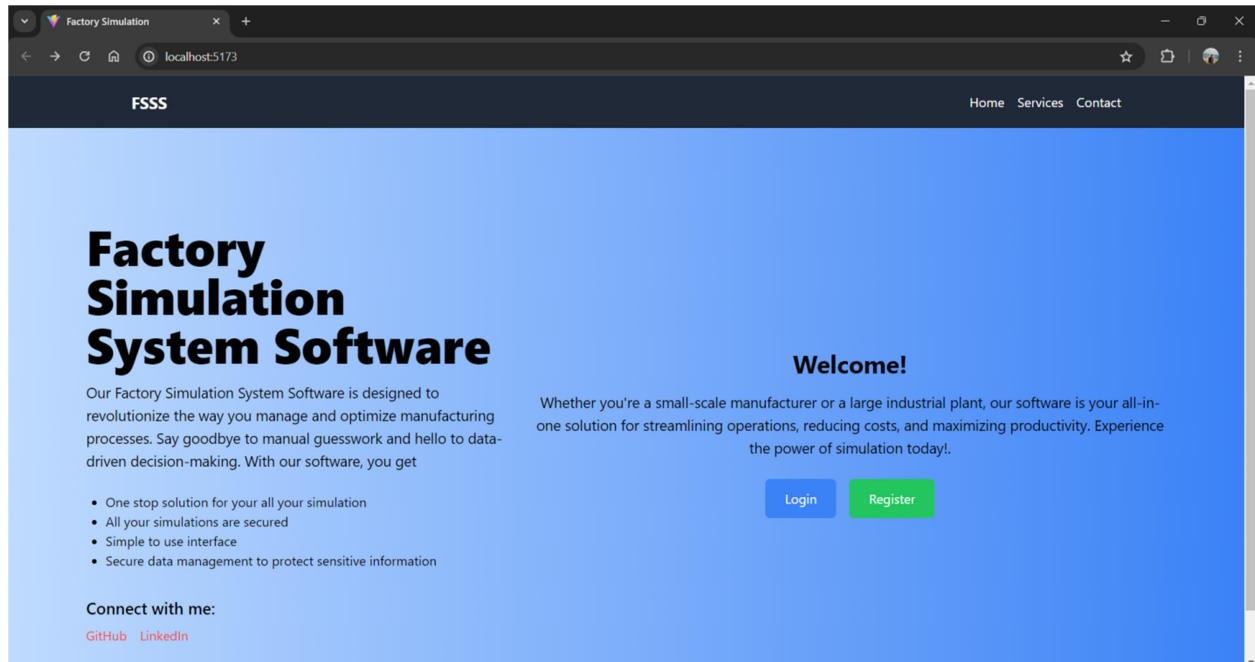


# Outputs of the project

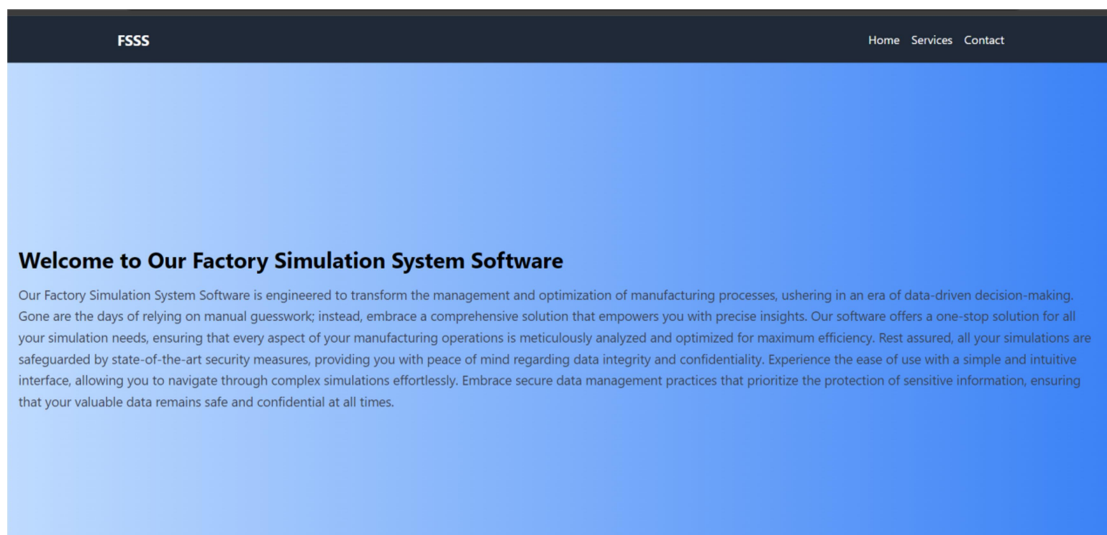
NAME- ANURAG PATEL

ROLL\_NO-121CS0201

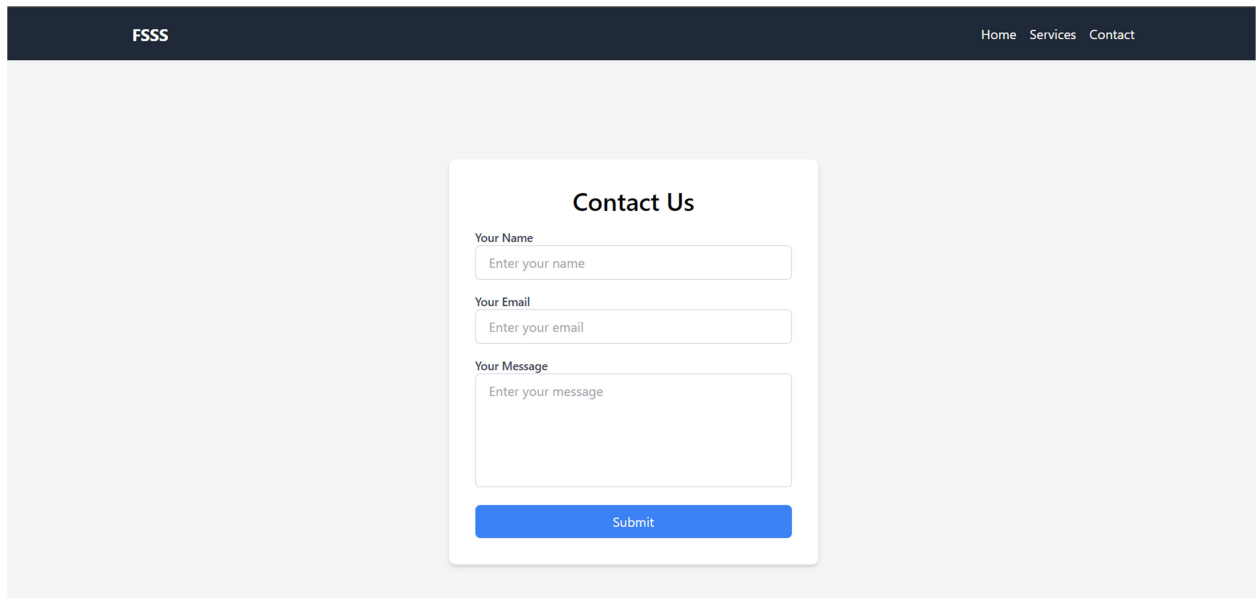
1) Home page:-



2) Services page:-

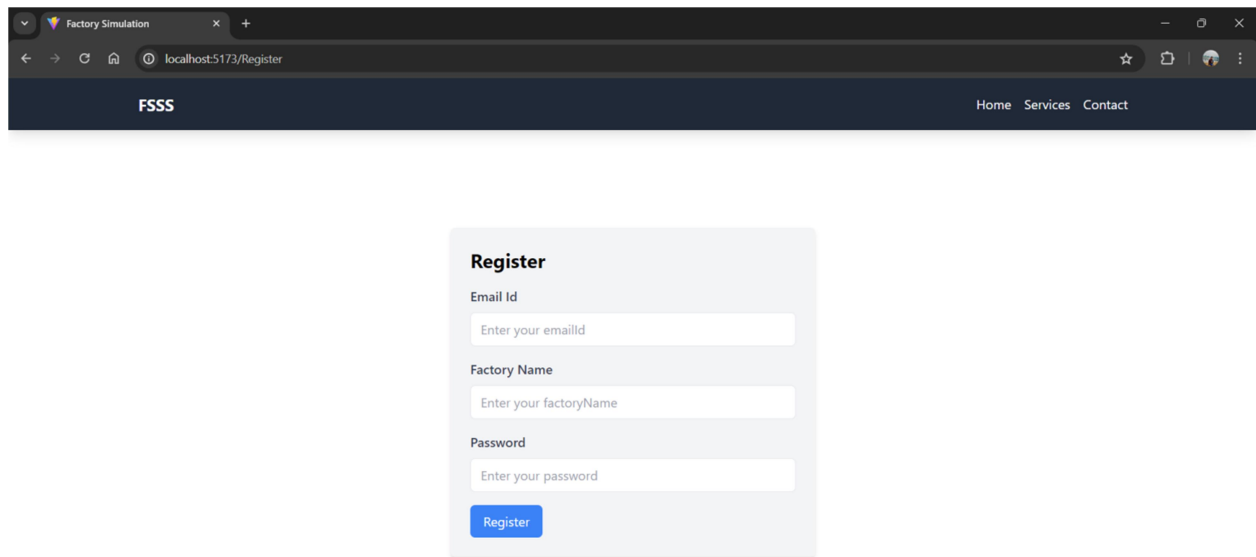


### 3) Contact us page:-

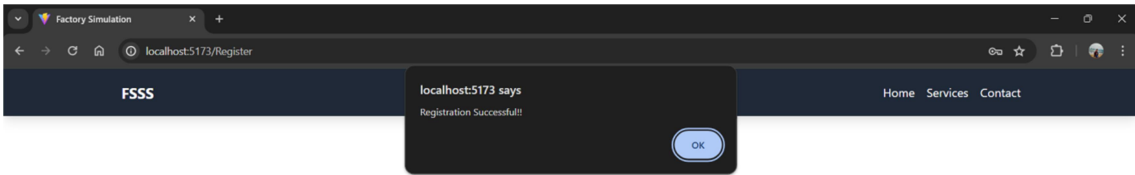


The image shows a web browser window with a dark blue header. The header contains the text "FSSS" on the left and "Home Services Contact" on the right. The main content area is light gray and features a white "Contact Us" form. The form has three input fields: "Your Name" with placeholder text "Enter your name", "Your Email" with placeholder text "Enter your email", and "Your Message" with placeholder text "Enter your message". A blue "Submit" button is located at the bottom of the form.

### Register:-



The image shows a web browser window with a dark blue header. The header contains the text "FSSS" on the left and "Home Services Contact" on the right. The main content area is light gray and features a white "Register" form. The form has three input fields: "Email Id" with placeholder text "Enter your emailid", "Factory Name" with placeholder text "Enter your factoryName", and "Password" with placeholder text "Enter your password". A blue "Register" button is located at the bottom of the form.



### Register

Email Id

Factory Name

Password

My Queries

Performance

Databases

Search

- Factorydatabase
  - factoryinfos
  - users**
  - admin
  - config
  - local
  - simulation

Factorydatabase > users

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```
{
  "_id": ObjectId("661fd3694139aab953bee249"),
  "factoryName": "RSP",
  "emailId": "login7@gmail.com",
  "password": "52a5105yYA8NX2LYvecBG6Sq2EnH.WdAQtlLGoB3T1Kk7.awaneclEjvumPa",
  "Date": 2024-04-17T13:49:29.958+00:00,
  "...": {}
}
```

Login:-

The screenshot shows a web browser window with the address bar displaying 'localhost:5173/Login'. The page has a dark blue header with the 'FSSS' logo on the left and navigation links 'Home', 'Services', and 'Contact' on the right. The main content area is light gray and features a centered white box titled 'Login'. Inside this box, there are two input fields: 'Email address' containing 'login7@gmail.com' and 'Password' containing six asterisks. Below the password field is a blue 'Login' button.

For bad credentials:-

This screenshot shows the same login page as before, but with an error message displayed. A dark gray toast notification box is centered on the screen, containing the text 'localhost:5173 says' and 'Bad credential', with an 'OK' button in the bottom right corner. The login form below remains unchanged, with 'login7@gmail.com' in the email field and masked password in the password field.

For successful login:-

The screenshot shows a web browser window with the URL `localhost:5173/login`. The page has a dark blue header with the text "FSSS" on the left and "Home Services Contact" on the right. A dark grey notification box in the top center says "localhost:5173 says Login Successful!!" with an "OK" button. Below the header is a "Login" section with a white box containing two input fields: "Email address" with the value "login7@gmail.com" and "Password" with masked characters "\*\*\*\*\*". A blue "Login" button is at the bottom of the form.

Average adjuster utilization calculation and Average machine utilization calculation:-

The screenshot shows a web browser window with the URL `localhost:5173/FactoryInfo`. The page has a dark blue header with "FSSS" on the left and "Add factory Info Display all Info Logout" on the right. The main content area features a grey box titled "Add Factory Simulation Information" with the following fields:

- Machine Type: A dropdown menu showing "Drilling".
- Total Adjuster Busy Hours: A text input field with the value "15".
- Time Span: A dropdown menu showing "24".
- Total Running Hours: A text input field with the value "20".
- No. of Adjusters: A text input field with the value "10".
- No. of Machines: A dropdown menu showing "20".

A blue "Submit" button is located at the bottom of the grey box. Below the form are four colored buttons: "Avg\_adjuster\_utilization" (blue), "Avg\_machine\_utilization" (green), "MTTF" (yellow), and "Optimum\_no\_of\_adjusters" (red). At the bottom center is a blue button labeled "Display All Simulation Info".

No. of Adjusters

10

No. of Machines

20

Submit

Factory information added successfully.

Avg\_adjuster\_utilization

Avg\_machine\_utilization

MTTF

Optimum\_no\_of\_adjusters

Avg\_adjuster\_utilization: 6.25

Avg\_machine\_utilization: 4.166666666666666

MTTF: 1

Optimum\_no\_of\_adjusters: 15

Display All Simulation Info

On clicking display all simulation info button you can see all your simulation results:-

FSSS

Add factory InfoDisplay all InfoLogout

Factory Simulations

ID: 661fd7934139aab953bee24d

Drilling

Total Adjuster Busy Hours: 15

Time Span: 24

Total Running Hours: 20

No. of Machines: 20

No. of Adjusters: 10

Avg Adjuster Utilization: 6.25

MTTF: 1

Avg Machine Utilization: 4.166666666666666

Optimum No. of Adjusters: 15

UpdateDelete

ID: 661fd8834139aab953bee24f

Soldering

Total Adjuster Busy Hours: 25

Time Span: 60

Total Running Hours: 50

No. of Machines: 30

MTTF: 1.0000000000000000  
Avg Machine Utilization: 2.7777777777777777  
Optimum No. of Adjusters: 15

UpdateDelete

ID: 661fda144139aab953bfbdd8  
**Turing**  
Total Adjuster Busy Hours: 34  
Time Span: 40  
Total Running Hours: 35  
No. of Machines: 20  
No. of Adjusters: 10  
Avg Adjuster Utilization: 8.5  
MTTF: 1.75  
Avg Machine Utilization: 4.375  
Optimum No. of Adjusters: 19

UpdateDelete

Click on delete to delete.

UpdateDelete

ID: 661fd8834139aab953bee24f  
**Soldering**  
Total Adjuster Busy Hours: 25  
Time Span: 60  
Total Running Hours: 50  
No. of Machines: 30  
No. of Adjusters: 15  
Avg Adjuster Utilization: 2.7777777777777777  
MTTF: 1.6666666666666667  
Avg Machine Utilization: 2.7777777777777777  
Optimum No. of Adjusters: 15

UpdateDelete

After deletion the above will be the output.

After clicking update button,

FSSS
Add factory Info
Display all Info
Logout

Update Factory Information

Machine Type

Select machine type ▾

Total Adjuster Busy Hours

Time Span

Total Running Hours

No. of Adjusters

No. of Machines

Submit

Avg\_adjuster\_utilization

Avg\_machine\_utilization

MTTF

Optimum\_no\_of\_adjusters

953bee24d

localhost:5173 says  
Information Updated!

OK

### Update Factory Information

Machine Type	Total Adjuster Busy Hours
Latte	45
Time Span	Total Running Hours
50	20
No. of Adjusters	No. of Machines
12	24

Submit

Before Updating:-

ID: 661fd7934139aab953bee24d

Drilling

Total Adjuster Busy Hours: 15

Time Span: 24

Total Running Hours: 20

No. of Machines: 20

No. of Adjusters: 10

Avg Adjuster Utilization: 6.25

MTTF: 1

Avg Machine Utilization: 4.166666666666666

Optimum No. of Adjusters: 15

Update

Delete

After updating:-

ID: 661fd7934139aab953bee24d

Latte

Total Adjuster Busy Hours: 45

Time Span: 50

Total Running Hours: 20

No. of Machines: 24

No. of Adjusters: 10

Avg Adjuster Utilization: 7.5

MTTF: 0.8333333333333334

Avg Machine Utilization: 1.6666666666666667

Optimum No. of Adjusters: 54

Update

Delete

For Logout:-

Add factory Info   Display all Info   Logout



After clicking on logout:-

