Guest House Application

Team – 2

Team menbers:

Sreenitha   Full Stack Developer   21MH1A4210

Deepika   Full Stack Developer   21MH1A4254

Jahnavi   Full Stack Developer   21P31A0201

Lalitha   Full Stack Developer   21MH1A4225

Sri lekha   Cloud Engineer   21A91A1242

Chandrika   Cloud Engineer   21A91A6145

An Overview Of The Project:

❑ The Guest House Application this could include room-info, check-in/check-out functionality , DTH services, food Orders, repairs and maintenance.

❑ Utilizing full-stack development technologies for our project development and OCI cloud for deployment. This involves frameworks like NODE.JS for backend, REACTJS framework for frontend, MONGODB for storing the data in the database.

❑ Using cloud services for deployment, we are utilizing platforms like Oracle cloud infrastructure(OCI) . These platforms offer various services such as instance, databases (e.g., RDS, DynamoDB), storage (e.g., S3), and more, which can be leveraged for your application.

❑ Implement security measures to protect user data and ensure the privacy and confidentiality of guest information. This includes secure transmission of data over HTTPS and port number, encryption of sensitive information, and regular security audits

Technologies Used In Our Project:

• Full Stack Development - For Creating our website we use FSD

- React.js - For our frontend creation we used react
- Nodejs, MongoDB - For our backend creation we used Nodejs and MongoDB
- Oracle cloud infrastructure - For our project development we used OCI

Frontend:

❏ We used React.js framework for developing frontend application.

❏ We have used React, React Router , Axios , React Bootstraps for developing the frontend application .

❏ User Interaction: Users can navigate between different pages using different navigation links provided.

❏ Communication with Backend: Axios Library is used to communicate with API endpoints.

Backend:

❑ We used node.js framework for developing backend application.

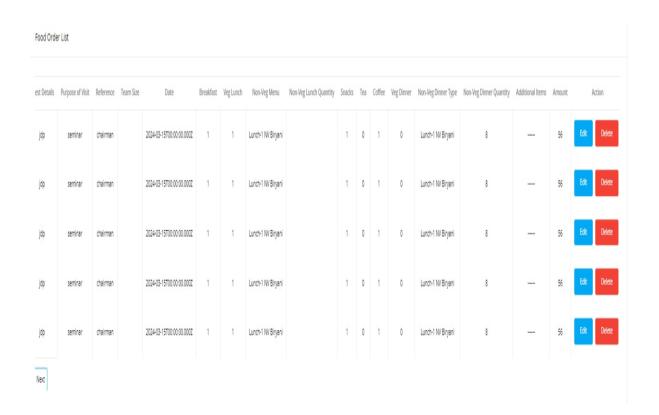❑ We have used node.js, Express.js, MongoB, Mongoose for developing the backend application .

❑ API Endpoints: POST, GET, UPDATE, DELETE methods for storing the data in the database.

Food Order List

est Details	Purpose of Visit	Reference	Team Size	Date	Breakfast	Veg Lunch	Non-Veg Menu	Non-Veg Lunch Quantity	Snacks	Tea	Coffee	Veg Dinner	Non-Veg Dinner Type	Non-Veg Dinner Quantity	Additional Items	Amount	Action
jdp	seminar	chairman		2024-03-15T00:00:00.000Z	1	1	Lunch-1 NV Biryani		1	0	1	0	Lunch-1 NV Biryani	8	-----	56	Edit Delete
jdp	seminar	chairman		2024-03-15T00:00:00.000Z	1	1	Lunch-1 NV Biryani		1	0	1	0	Lunch-1 NV Biryani	8	-----	56	Edit Delete
jdp	seminar	chairman		2024-03-15T00:00:00.000Z	1	1	Lunch-1 NV Biryani		1	0	1	0	Lunch-1 NV Biryani	8	-----	56	Edit Delete
jdp	seminar	chairman		2024-03-15T00:00:00.000Z	1	1	Lunch-1 NV Biryani		1	0	1	0	Lunch-1 NV Biryani	8	-----	56	Edit Delete
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Next

Oracle Cloud:

❑ Oracle Cloud Infrastructure provides a flexible data platform to enable you to build Big Data applications at massive scale

❑ The Oracle Cloud Infrastructure (OCI) backbone is a dedicated, secure, and highly available network used to interconnect OCI regions across the globe.

❑ In OCI we created a ubuntu latest machine and we connected to the machine and we installed all our dependencies that are required to our project and we add ports to run our server to deploy our project.

Commands:

```
oot@cloud:/# history
    1  apt update
    2  apt upgrade
    3  apt install git
    4  git clone https://github.com/vardhan2004/power-bill-analysis.git
    5  cd /
    6  curl -sL https://deb.nodesource.com/setup_16.x -o /tmp/nodesource_setup.sh
    7  sudo bash /tmp/nodesource_setup.sh
    8  curl -sL https://deb.nodesource.com/setup_18.x -o /tmp/nodesource_setup.sh
    9  sudo bash /tmp/nodesource_setup.sh
   10  sudo apt install nodejs
   11  node -v
   12  nmp -v
   13  npm -v
   14  cd home/ubuntu
   15  ls
   16  cd power-bill-analysis
   17  ls
   18  cd frontend
   19  ls
   20  cd Admin
   21  npm i --legacy-peer-deps
   22  npm start
   23  sudo iptables -I INPUT 6 -m state --state NEW -p tcp --dport 80 -j ACCEPT
   24  sudo netfilter-persistent save
   25  sudo iptables -I INPUT 6 -m state --state NEW -p tcp --dport 3000 -j ACCEPT
   26  sudo netfilter-persistent save
   27  apt update
   28  sudo iptables -I INPUT 6 -m state --state NEW -p tcp --dport 3000 -j ACCEPT
   29  sudo netfilter-persistent save
   30  sudo iptables -I INPUT 6 -m state --state NEW -p tcp --dport 80 -j ACCEPT
   31  sudo netfilter-persistent save
   32  npm start
   33  cd /
   34  history
```

Oracle Cloud Infrastructure:

Oracle Cloud — Ingress Rules

ORACLE Cloud   Search resources, services, documentation, and Marketplace   Brazil East (Sao Paulo) ∨

Ingress Rules (10)
Egress Rules (1)

Add Ingress Rules   Edit   Remove

	Stateless ▾	Source	IP Protocol	Source Port Range	Destination Port Range	Type and Code	Allows	Description
☐	No	0.0.0.0/0	TCP	All	22		TCP traffic for ports: 22 SSH Remote Login Protocol	
☐	No	0.0.0.0/0	ICMP			3, 4	ICMP traffic for: 3, 4 Destination Unreachable: Fragmentation Needed and Don't Fragment was Set	
☐	No	10.0.0.0/16	ICMP			3	ICMP traffic for: 3 Destination Unreachable	
☐	No	0.0.0.0/0	TCP	All	3389		TCP traffic for ports: 3389	
☐	No	0.0.0.0/0	TCP	All	3000		TCP traffic for ports: 3000	
☐	No	0.0.0.0/0	TCP	All	80		TCP traffic for ports: 80	
☐	No	0.0.0.0/0	TCP	All	80		TCP traffic for ports: 80	

Datta Able Dashboard

← → C ⚠ Not secure 132.226.248.127:3000/app/dashboard/default

Datta Able

NAVIGATION
⌂ Dashboard

UI ELEMENT
❄ Component ∨
- Button
- Badges
- Breadcrumb
- Pagination
- Collapse
- Tabs & Pills
- Typography

FORMS & TABLES
📄 Form Elements
☴ Table

Dropdown ∨ 🔍

Dashboard
⌂ / Dashboard

Daily Sales
↑ $249.95   50%

Monthly Sales
↓ $249.95   36%

Yearly Sales
↑ $249.95   70%

Recent Users

Isabella Christensen	Lorem Ipsum is simply dummy text of...	● 11 MAY 12:56	Reject Approve
Mathilde Andersen	Lorem Ipsum is simply dummy text of...	● 11 MAY 10:35	Reject Approve
Karla Sorensen	Lorem Ipsum is simply dummy text of...	● 9 MAY 17:38	Reject Approve
Ida Jorgensen	Lorem Ipsum is simply dummy text of...	● 19 MAY 12:56	Reject Approve

Upcoming Event   34%
45 Competitors
You can participate in event

235
TOTAL IDEAS