

Guest House Application

Team – 2

Team members:

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Deepika	Full Stack Developer	21MH1A4254
Jahnavi	Full Stack Developer	21P31A0201
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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.

The screenshot displays a web application interface for creating a new order. On the left, a dark blue sidebar contains navigation links: 'REPAIR' with 'Repair & Maintenance', 'FOOD ORDER' with 'Food Orders', 'New Order', and 'Order List', and 'NAVIGATION' with 'Dashboard'. The main content area is titled 'New Order' and shows a breadcrumb 'Food Orders / New Order'. Below the title, there is a 'New Order' section with four input fields: 'Guest Details', 'Purpose of Visit', 'Reference', and 'Team Size'. Each field is represented by a light blue rectangular box with a placeholder text 'Text'.

Backend:

- ❑ We used node.js framework for developing backend application.
- ❑ We have used node.js, Express.js, MongoDB, 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
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

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:

```
00@oci 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 npm -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:

The screenshot displays the Oracle Cloud Infrastructure (OCI) console interface. At the top, a notification states: "You are in a Free Trial. When your trial is over, your account is limited to Always Free resources. Upgrade at any time." The main header shows "ORACLE Cloud" with a search bar and the region "Brazil East (Sao Paulo)".

The central part of the screen shows the details of a specific instance, which is in a "RUNNING" state. The instance is named "projec-20240316-1456". The "General information" section includes:

- Availability domain: AD-1
- Fault domain: FD-3
- Region: sa-saopaulo-1
- OCID: ...3qk6gq
- Launched: Mon, Mar 18, 2024, 12:14:48 UTC
- Compartment: Srilekhaboda (root)
- Capacity type: On-demand

The "Instance details" section shows:

- Virtual cloud network: vcn-20240316-1456
- Maintenance reboot: -
- Image: Canonical-Ubuntu-22.04-Minimal-2023.10.15-0
- Launch mode: PARAVIRTUALIZED

The "Instance access" section provides information on how to connect to the instance:

- Public IP address: 129.148.46.113
- Username: ubuntu
- Primary VNIC: Public IPv4 address: 129.148.46.113, Private IPv4 address: 10.0.0.166, Network security groups: None, Subnet: subnet-20240316-1456, Private DNS record: Enable, Hostname: projec, Internal FQDN: projec...

At the bottom, there are links for "Terms of Use and Privacy" and "Cookie preferences unavailable".

ORACLE Cloud Search resources, services, documentation, and Marketplace Brazil East (Sao Paulo)								
Ingress Rules (10)		Add Ingress Rules Edit Remove						
Egress Rules (1)	<input type="checkbox"/>	Stateless	Source	IP Protocol	Source Port Range	Destination Port Range	Type and Code	Allows
	<input type="checkbox"/>	No	0.0.0.0/0	TCP	All	22		TCP traffic for ports: 22 SSH Remote Login Protocol
	<input type="checkbox"/>	No	0.0.0.0/0	ICMP			3, 4	ICMP traffic for: 3, 4 Destination Unreachable: Fragmentation Needed and Don't Fragment was Set
	<input type="checkbox"/>	No	10.0.0.0/16	ICMP			3	ICMP traffic for: 3 Destination Unreachable
	<input type="checkbox"/>	No	0.0.0.0/0	TCP	All	3389		TCP traffic for ports: 3389
	<input type="checkbox"/>	No	0.0.0.0/0	TCP	All	3000		TCP traffic for ports: 3000
	<input type="checkbox"/>	No	0.0.0.0/0	TCP	All	80		TCP traffic for ports: 80
	<input type="checkbox"/>	No	0.0.0.0/0	TCP	All	80		TCP traffic for ports: 80

Dropdown

Search

Dashboard

Component

Button

Badges

Breadcrumb

Pagination

Collapse

Tabs & Pills

Typography

Form Elements

Table

Dashboard

Dashboard

Daily Sales

↑ \$249.95

50%

Monthly Sales

↓ \$249.95

36%

Yearly Sales

↑ \$249.95

70%

Recent Users

Isabella Christensen

11 MAY 12:56

Reject Approve

Mathilde Andersen

11 MAY 10:35

Reject Approve

Karla Sorensen

9 MAY 17:38

Reject Approve

Ida Jorgensen

19 MAY 12:56

Reject Approve

Upcoming Event

45

Competitors

You can participate in event

235

TOTAL IDEAS