
Summer Training Project Report

Submitted in partial fulfillment for the degree of Bachelor of Technology
Of Computer Science Department

On Topic
Centralized Hospitality Web App

At



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For the period of June 2019 to July 2019 (6 weeks)

CERTIFICATE

This is to certify that the Project entitled “Centralized Hospitality Web Portal” in partial fulfillment of the requirements for the award of the Degree B.Tech in Information Technology/Computer Science, submitted to ONGC LTD, Dehradun, Uttarakhand, India is an authentic record of bona fide research work carried out by Anant Singhal, Dipanshu Goyal, Gulshan Sankhyan - under my supervision and guidance.

Signature of Guide

Amit Ranjan

Senior Programming Officer

Signature of HOD

Mr. Rajneesh Badoni

Head of Department of Infocom ONGC LTD

CANDIDATE'S DECLARATION

I hereby certify that the work, which is being presented in the report/ project report, entitled “Centralized Hospitality Web Portal” in partial fulfillment of the requirements for the award of the Degree of Internship and submitted to the institution is an authentic record of my own work carried out during the period from June 2019 to July 2019 under the supervision of Mr. Rajneesh Badoni.

Date:

Signature of the Candidates

ACKNOWLEDGEMENT

We would like to express our sincere gratitude to my mentor Mr. Rajneesh Badoni for his immense support and guidance. I would also like to thank faculty and staff at ONGC LTD, Dehradun for providing a friendly learning working environment and of course, the internet, for always providing help.

Gulshan Sankhyan

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CSE

Anant Singhal

Dipanshu Goyal

ABSTRACT

A companies biggest challenge is to manage its VIP and VVIP,so that it can give better accommodation and dining schedule ,client satisfaction and hence increase in growth.But now a days it has become a difficult task to manage since a company get many events and there are many guest which has different designation so make them comfortable and to manage them we need a website so to manage it is a very complex task,since we have to see that which guest are invited and their treatment should be done in specific ways such as category of vegetarian and nonvegetarian should be separated. In order to fulfill all these needs we have created a software called Dining schedule management system or ERP(Enterprise resource planning) which keeps a note of every guest,and also helps to see the demand by generating an annual report or monthly report.By using this software you can easily manage them easily.

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REFERENCES

CHAPTER 1 : INTRODUCTION

1.1 About ONGC

Study Of Communication Systems at ONGC 2016-2017 undertaking (PSU) of the Government of India under the administrative control of the Ministry of Petroleum and Natural Gas. It is India's largest oil and gas exploration and production company. It Produces around 70 % of India's crude oil (equivalent to around 30% of the country's total demand) and around 62% of its natural gas. ONGC is ranked as the Top Energy Company in India, Fifth in Asia and 21st globally as per Platts Top250 Global Energy Rankings; Maintains place as World's Third ranked the E&P Company in the list. Ranked 21st among the global Oil and Gas Operations industry in the Forbes Global 2000 list of the World's biggest companies for 2014; Ranked 176 in the overall list - based on Sales (US\$ 29.6 billion), Profits (US\$ 4.5billion), Assets (US\$ 53.8 billion) and Market Value (US\$ 46.4 billion). The crude oil is the raw material used by downstream companies like IOC, BPCL, HPCL to produce petroleum products like Petrol, Diesel, Kerosene, Naphtha, Cooking Gas-LPG. ONGC is India's Top Energy Company and ranks 20th among global energy majors (Platts). ONGC ranks 14th in 'Oil and Gas Operations' and 220th overall in Forbes Global 2000. Acclaimed for its Corporate Governance Practices, Transparency International has ranked ONGC 26th among the biggest publicly traded global giants. It is one of the most valued public enterprises in India, and one of the highest profit-making and dividend-paying. ONGC has a unique distinction of being a company with in-house service capabilities in all areas of Exploration and Production of oil & gas and related oil-field services. ONGC was founded on 14 August 1956 by the Government of India, which currently holds a 68.94% equity stake. It is involved in exploring for and exploiting hydrocarbons in 26 sedimentary basins of India, and owns and operates over 11,000 kilometers of pipelines in the country. Its international subsidiary ONGC Videsh currently has projects in 15 countries. ONGC has discovered 6 of the 7 commercially producing Indian Basins, in the last 50 years, adding over 7.1 billion tonnes of In-place Oil & Gas volume of hydrocarbons in Indian basins. Against a global decline of production from matured fields, ONGC has maintained production from its Brownfields like Mumbai High, with the help of aggressive investments in various IOR (Improved Oil Recovery) and EOR (Enhanced Oil Recovery) schemes.

1.2 Introduction about Project

A companies biggest challenge when organising an event is to manage the food items required, ensure that there is no wastage and keeping the guests fully fed. But now a days it has become a difficult task to manage, since a company get many different occasion gathering and there are different categories of meeting with different types of guests who have various requirements. In order to full-fill all these needs we have created a software called Centralized Hospitality Web App which keeps a note of every event, and also the various items required during that event. Using this software facilitate an easy to use form-filling process without the hassle of form misplacement, late acceptance etc.

CHAPTER 2: OVERALL DESCRIPTION

2.1 PROJECT PERSPECTIVE

Our projects perspective is to provide such an application which can easily manage various hospitality form which can be accepted or rejected easily.

2.2 PROJECT FUNCTIONS

Project involves following process

- Login to the web portal (credentials are verified from database)
- Ability to fill the requisition form for the event
- Ability to see all the forms received.
- Ability to Accept or Reject form
- Ability to see all the forms filled by the employee and their status.

2.3 Tools and Technologies Used

- ASP.NET and Visual Studio
- HTML, CSS, Bootstrap
- Javascript, jQuery
- C#
- SQL Server Management Studio
- Ajax

2.4 CONSTRAINTS AND ASSUMPTIONS

The employees using this web app must already have their credentials available in ONGC database, i.e., their employee ID and Password.

CHAPTER 3: SYSTEM REQUIREMENTS

3.1 Software Requirements

- Install Visual Studio (Web or Professional Version)
- Install SQL Server Management Studio (SSMS)

3.2 FUNCTIONAL REQUIREMENTS

- Internet connection required on client device.
- User must have credentials to login.
- Data connection is necessary for fetching live data.

3.3 NON-FUNCTIONAL REQUIREMENTS

- Server system should be error free.
- Client device and server system should be operated in real time.
- Client device should use minimum data and battery.
- The web application should process faster in loading data.

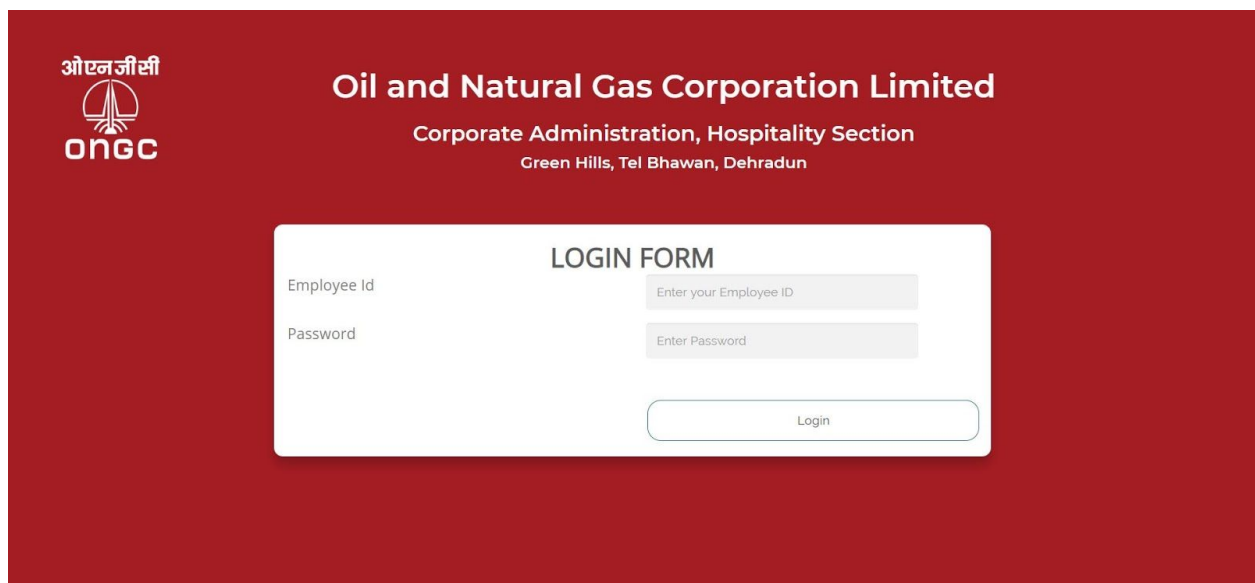
CHAPTER 4 : MODULES AND SCREENSHOTS

4.1 MODULES

Our project is divided into 5 different modules:-

MODULE 1: Login Page Module

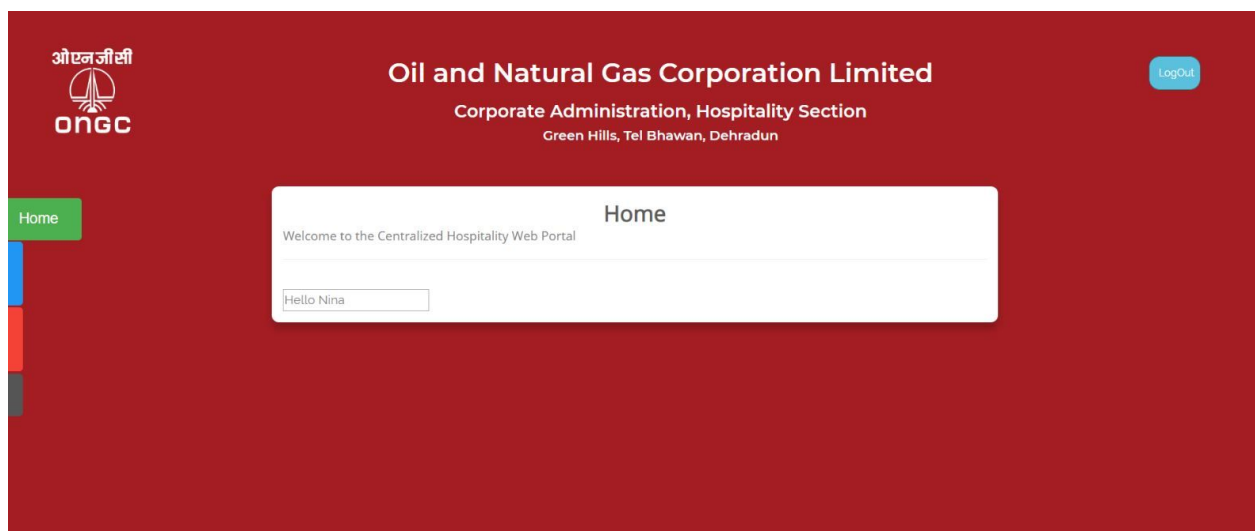
In this module we connected the login table of our database to this webpage so that users can access the website only if they provide correct password.



The screenshot shows the login page of the Oil and Natural Gas Corporation Limited. The page has a dark red background. In the top left corner is the ONGC logo with the text 'ओएनजीसी' above it. In the top center, the text 'Oil and Natural Gas Corporation Limited' is displayed in white, followed by 'Corporate Administration, Hospitality Section' and 'Green Hills, Tel Bhawan, Dehradun' in a smaller font. In the center of the page is a white login form titled 'LOGIN FORM'. The form contains two input fields: 'Employee Id' with a placeholder 'Enter your Employee ID' and 'Password' with a placeholder 'Enter Password'. Below these fields is a 'Login' button.

MODULE 2: Home Module

This module this a basic welcoming page which provides basic user details.



The screenshot shows the home page of the Oil and Natural Gas Corporation Limited. The page has a dark red background. In the top left corner is the ONGC logo with the text 'ओएनजीसी' above it. In the top center, the text 'Oil and Natural Gas Corporation Limited' is displayed in white, followed by 'Corporate Administration, Hospitality Section' and 'Green Hills, Tel Bhawan, Dehradun' in a smaller font. In the top right corner is a 'Logout' button. On the left side of the page is a vertical navigation bar with a green 'Home' button at the top, followed by blue, orange, and grey buttons. In the center of the page is a white home module titled 'Home'. The module contains the text 'Welcome to the Centralized Hospitality Web Portal' and a 'Hello Nina' message in a box.

MODULE 3: Fill-Form Module

This page is used to fill the form which includes the event and item requirement details.

ओएनजीसी
ONGC

Oil and Natural Gas Corporation Limited
Corporate Administration, Hospitality Section
Green Hills, Tel Bhawan, Dehradun

Logout

Fill Form

REQUISITION FORM

Event/Purpose

Concerned Department

Venue

Date

ITEMS REQUIRED

(NOS)

Light refreshments

High Tea

☐ Lunch Only

☐ Dinner Only

☐ Both

Working lunch

Special

VIP

VVIP

Special

VIP

VVIP

Mineral Water Bottle

Submitted to:

Veg(NOS)

Non Veg(NOS)

Veg(NOS)

Non Veg(NOS)

CPF no./Employee ID

Reset

Go

Logout

MODULE 4: My form Module

Shows the list of all requested and received forms.

The screenshot shows the 'My Forms' module interface. The header includes the ONGC logo, the company name 'Oil and Natural Gas Corporation Limited', and the section 'Corporate Administration, Hospitality Section'. A 'Logout' button is in the top right. A sidebar on the left has a 'My Forms' button. The main content area is titled 'My Forms:' and contains two sections: 'Sent' and 'Received Forms'. The 'Sent' section displays a table with the following data:

SerialNo	FormId	ByEmpID	ToEmpID	Status	EventDate
1	1	102	101	Pending	2019-09-09
2	2	102	101	Approved	14-07-2019
3	3	102	101	Rejected	10-07-2019

The 'Received Forms' section has a search bar and a 'Go' button. The URL at the bottom is `https://localhost:44309/myForms.aspx`.

MODULE 5: About Module

This page can be used to show various details like the information about the web app creator.

The screenshot shows the 'About' module interface. The header is identical to the previous screenshot. The sidebar on the left has an 'About' button. The main content area is titled 'About' and contains the following text:

This app is developed by:

Gulshan Sankhyan
Anant Singhal
Dipanshu Goyal

So as to easily manage various authority and make their dining schedule.

CHAPTER 4 : CONCLUSION

At the end of this phase, I have successfully completed the project. The web app can only be logged in by employees available in the database. This app is fully capable of accepting the event data and cataloging that in the database. The employees can also use this app to accept or reject the form.

REFERENCE

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