18CSC206J – SOFTWARE ENGINEERING AND PROJECT MANAGEMENT LAB RECORD

RESORT AND RESTAURANT BUSINESS MANAGER PACKAGE

TEAM MEMBERS

RA1911027010039 RA1911027010041 RA1911027010042

MAINAK CHAUDHURI AKSHUNN SHRAMA PRATEEK ANAND



DEPARTMENT OF COMPUTER SCIENCE ENGINEERING SCHOOL OF COMPUTING SRM INSTITUTE OF SCIENCE AND TECHNOLOGY KATTANKULATHUR

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WEEK 1

(Part - 1)

Project Title: Resort and Restaurant Business Manager

Project Description

Nowadays, people search a complete package for holiday and relax outings. But in most cases, they need to book restaurants from individual sources or websites and most of the time, they end up getting confused searching for a budget optimized spot.

Good resorts and restaurants also find it difficult to attract customers and they rely on travel agents and brokers for their business.

This project is a complete dual-sided package that solves this business problem. The <u>resort and restaurant business manager</u> helps customers to search their nearest resorts and/or restaurants which are registered under our company. We help to convey the relevant tourist interest data to the suitable resort and restaurant managers and help them with real-time business insights. Under this project, we provide a all-round view of the resorts/restaurants where the customer/tourist wishes to visit, a simple 2 step easy booking system,a fully dedicated customer guide and also an admin dashboard(for resort authorities to monitor on-board tourist needs and maintain law and order.) With this project, a tourist can find his dream resort and a manager can find his dream customer.

Result:

Thus, the project team formed and the project is described

- 1. Mainak Chaudhuri RA191127010039 (Team Lead and Software Developer).
- 2. Akshunn Sharma RA191127010041 (Platform integrator and Tester).
- 3. Prateek Anand RA191127010042 (Project Analytics Manager).

BUSINESS CASE TEMPLATE

DATE	29.01.2021
SUBMITTED BY	MAINAK CHAUDHURI
TITLE / ROLE	Paradise Enterprise (A Resort and Restaurant Business Manager)

THE PROJECT

In bullet points, describe the problem this project aims to solve or the opportunity it aims to develop.

- This project is going to group many small resorts and restaurants and popularize them under one common platform.
- Resorts and restaurants registered as franchises of this Brand can be booked from a common site.
- Tourists on checking in into the resorts will get a link with a validation OTP which they need to provide to the room door. This OTP will act as a key to the door during the entire stay.
- There will also be a admin dashboard to keep a track of tourist info and obtain business insights.

THE HISTORY

In bullet points, describe the current situation.

- The project was started on 22nd January,2021 with a team size of three.
- We have completed the restaurant website and landing page of the project.
- Presently, our platform developer and tester is working on cross platform integration to collaborate python analysis scripts with JavaScript libraries.
- Our Project Analysis manager is working on the admin dashboard.
- The team lead and software developer has been coordinating the project work successfully.

LIMITATIONS

List what could prevent the success of the project, such as the need for expensive equipment, bad weather, lack of special training, etc.

- Poor network strength (if network is very poor).
- Ultra huge amounts of traffic, as cloud is yet not integrated for storage.
- Customer's carelessness of forgetting the OTP.
- Lack of special training of resort/ restaurant technical teams.

APPROACH

List what is needed to complete the project.

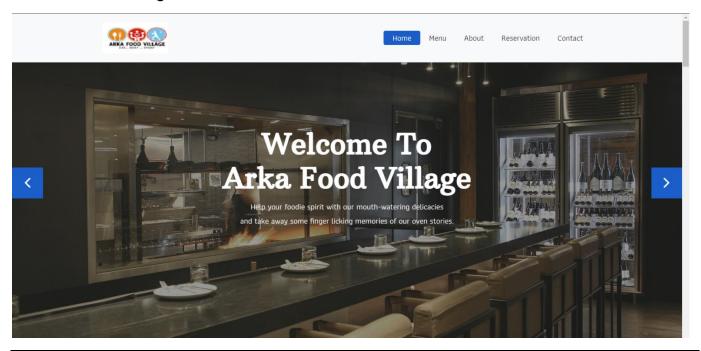
- The website comprises 3 components. The main component is of resort and restaurant booking.
- Apart from this, we have a tourist key guider and an admin dashboards for respective departments.
- Basic HTML, CSS, Bootstrap and JavaScript are needed for front-end and google forms embedded in backend to reduce complexities as far as possible.
- Use of weather API,REST API, gtts (google text to speech), google maps, typed JS and google Firebase for additional support and robust architecture.
- Following Rapid model for project development.

BENEFITS

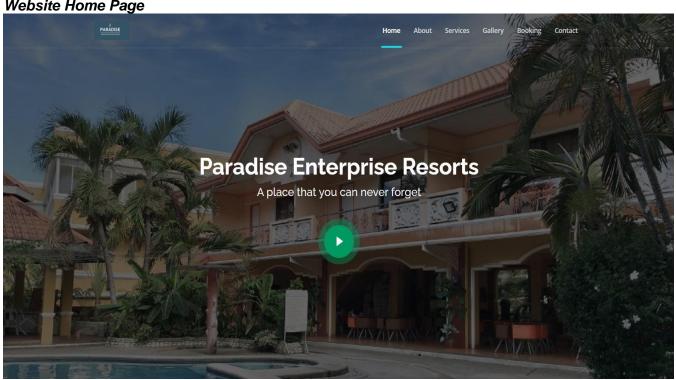
In bullet points, list the benefits that this project will bring to the organization.

- Providing a single platform to integrate different user-friendly features in least lines of code and to provide increased ease of access for users. Inclusion of 360 degree views of rooms would increase customer trust.
- Light-weight software and browser compatible, attracting large number of customers.
- Least work load on individual resort/restaurant sites and increased durability.
- Simple and effective user interface.
- Fast acceptance rate from business platforms.

Restaurant Home Page



Website Home Page



-----WEEK 1 ENDS-----

Project Title: Resort and Restaurant Business Management Package

Incorporate Identification of Project Methodology and Stakeholder Description template

STAKEHOLDERS:

The valid stakeholders for this project are the following people:

- 1. Tourists (Customers).
- 2. Company Managers.
- 3. Software Developers.
- 4. Company representatives.
- 5. Investors and sponsors.
- 6. Restaurant and Resort authorities and owners (who are willing to join with us).
- 7. Shareholders of our company.
- 8. Local grocery vendors and whole-sellers.
- 9. Travel agents.
- 10. Local government bodies.
- 11. Legal officers.
- 12. Local antique shops and tourist spot proprietors.

Effects on stake holders from this project:

Sl.	Stakeholders	Specific information	Impact on Project	Roles
No.		needs		
1.	Tourists	Communicated whenever they book our services for a period of time. Information about available rooms and facilities are shared.	for a business and so is for us. Also	Participants
2.	Company Managers	Need to be communicated regularly to provide them progress updates. Information about total transactions are shared.	Managers will gain their remuneration and reputation. So the impact is positive on them.	Decision Makers
3.	Software Developers	Communicated regularly during project phase and also during maintenance. User stories are shared to help them figure out the technical needs in their works	Developers will gain experience from this project and will hence be benefited.	Participants

4.	Company Representatives And Marketing Officers	Communicated during the company promotions and regularly for marketing. Information regarding new acquisitions and projects are shared.	They will gain remunerations and some perks. So the impact is more or less positive.	Consultants and Participants
5.	Investors and sponsors	Contacted to fund the projects and cater to financial needs of the company. Information about project budget needs to be shared.	May experience some downfalls at the start but as the brand value increases, the project will turn out to be very beneficial in terms of returns.	Collaborators
6.	Resort/Restaurant owners and authorities	Kept in frequent contact for business help and fetching turnover details. Information regarding next beneficial business moves to be communicated.	Will have a positive impact as they don't have to crack their head after inviting tourists. They are working with the brand and hence will enjoy its benefits.	Collaborators
7.	Shareholders of our company	Contacted at the time of share buying and calling tenders. Information about share cost and tender draws are shared.	Will have a positive impact when the shares	Collaborators
8.	Local grocery vendors and whole-sellers	Frequent contact for continuing supply chain. Information about supply and demand needs to be communicated.	They will have a trusted buyer with seasonal peaks in amount of sales.	Participants
9.	Travel Agents	Contacted on demand and also on peak seasons. Passenger(tourist numbers and expected spot of visit are needed to be sent).	They will be benefited by the rise in tourists and will have special benefits at peak seasons and weekends.	Collaborators
10.	Local government bodies	Contacted annually to file income tax returns	Local bodies will not be highly	Information Recipient

		and legal transaction		
		information.	venture apart from	
		Information about legal	greater income tax	
		documents need to be	returns. May turn	
		shared.	road blocks at	
			times and have a	
			negative impact on	
			company sales(in	
			times of riots or	
			political unrest)	
11.	Legal Officers	Contacted at the time of	No net positive or	Information
		policy signing and	negative impact	recipient
		property allocation.	from this project	
		Legal info are shared.		
12.	Local curio shops	Contact not needed.	They will	Participants
	and tourist spot	They are indirect	experience season	
	proprietors	participants. No	hike in sales.	
		information needs to be	Cottage industries	
		shared.	will also be	
			encouraged as a	
			result.	

METHODOLOGY:

Identifying stakeholders have been successfully completed. Now, we need to chalk out our actual approach for the project. For this project we shall be using the **Agile Model** of software development. For every component of our project, we shall follow a modular approach.

- 1. <u>End user survey and user story collection:</u> In this process we will conduct a survey on some randomized sample of customers who visit restaurants and resorts regularly. From the survey reports, we shall get to know the exact requirements of the customers and thus, we can plan our model accordingly.
- 2. <u>Getting a project description to start with:</u> Once we are ready with the market signals, we need to generate for the tech team, a set of guidelines to refer to while developing the actual software. In this, we shall jot down the initial requirements in the site.
- **3.** Creating a wire-frame: After the above steps are successfully completed, we need to generate a project wire-frame based on which we will generate a front-end for the site which will also serve the purpose of the prototype. Our project is going to have three primary components/modules on which we need to work: A general business website, a customer assistant web-app (only for the checked in users) and an admin dashboard (to look after the procedures for efficient hotel management). So, we will generate them one by one.
- 4. <u>Approval from virtual client:</u> For an in-house testing, we will have a tester who shall act as our virtual client. After each component is made, he shall decide if the user interface is fine or any changes are needed to made. On approval from our virtual client, we shall proceed towards the next step.
- 5. <u>Server-side development:</u> Once the front-end is tested and approved, we need to work on its server-side components for effective data collection and data relay. Again, we need to get approved from our testing team before we proceed for our next components.

- 6. <u>Quality assurance testing:</u> The testing team is going to check if the software follows industrial standards and if the data and messages are relayed properly. On getting an approval at this level only we can proceed toward the next steps.
- 7. End-user updates and A/B testing: Once the project is completed, we will locally host the services and let the testers make necessary change suggestions. We will also perform a A/B testing to choose a better UI once we host the sites publicly. For 1 month we will use UI A and for next 1 month UI B and record customer visits and sentiments. Voting the greater UI version, we shall release that as our final product.
- **8.** <u>Regular updates:</u> Our dedicated tech team will be continuously updating on any offer/discount/seasonal rush and/or closures decided by the company and also modify dynamically any changes that are needed to be made based on user demands and surveys.
- **9.** End User satisfaction: Our machine learning team will develop scripts to monitor and perform continuous sentiment analysis from our customers and decide actions accordingly. The satisfaction of the end users is to be observed at all costs. Also we will involve a customer interaction at each level to plan a better gradient to follow.

USER STORY:

Case 1:

Hi, I am John. I love to visit places that has natural beauty or some historical places of interest. But the problem I face most of the time is to have a good resort for stay and light and healthy food. Also, a good quality resort makes me loose my bucks. The travel agencies on which I have to rely turn up to cancel their orders at any time they please, leaving tourists like me to depend on cab services. I need a good solution to this.

Acceptance Criteria:

I want cheap rated hotels and resorts.

Food quality must be nice.

Must be near some good tourist spots.

Must have good travelling solutions for sight seeing with proper guides.

Must be dependable.

Case 2:

Hi, I am Akash. I own a resort. After the advent of COVID-19 there was a huge recession in the business of the resorts. I am facing hard competitions to cope up with the other resorts and set my business back. How to solve this?

Acceptance Criteria:

I want my resort to be more popular.

I want more tourist inflow and better reviews.

Result: Thus the Project Methodology was identified stakeholders were described.

<u>AIM</u>: Identify/collect the Requirements and document them as Infrastructure Requirements, Functional Requirements and Non-Functional Requirements

1. Executive Summary

The company, Paradise Enterprise founded on 1st January,2021 is a business platform that ensures a complete satisfaction of Tourists and a better business of resorts, restaurants and hotels spread across India. We try to deliver customers the best in class features and experience they could get through any existing platform so far. Our aim is to popularize the unknown and provide more options to the needy. With this mission to link all tourist lodgings and eateries, we aim to become the largest business platform providers in future.

2. Project Scope

S.No	Activities In Scope	Activities Out of Scope
1.	Designing Project Layout	Convincing restaurant/resort managers
2.	Planning methods of project work	Funding for standard uplift
3.	Distributing workload	Bearing 50% of Renovation fee
4.	Develop and test modules	Promoting chain marketing and branding
5.	Performing quality checks	Declaring offers for tourists
6.	Constraining software size	Marginal tariff setting for services
7.	Public Deployment/Hosting	Proper customer communication

3. Epics [Major Functions]

Epic (#)	Epic Description
E1	Multi-currency Payment Integration
E2	Registration
E3	Lightning fast loading and wider reach (through SEO optimization)
E4	Fast and secure booking
E5	Multiple plugins for benefit of authorities and customers.

4. Requirements

4.1. Functional Requirements

Requirement (#)	Requirement Specification	Department	Name of Business User	Status
E1FR1	As a customer, a fast booking of hotel/resort with least number of steps in what I want.	Tourism, Govt. Of	Government of India	Audit Officer
E1FR2	As a manager, I want a higher reach to the interested customers through the internet and people.	Resort Management	Himalaya Resorts, Chalsa, West Bengal	Resort Manager

E1FR3	As a Software Developer, I want to work with a system that has a reproducible architecture working with templates, so as to reduce development time and efforts	•	XYZ Software Solutions and Consultancy.	SDE 1

4.2. Non-Functional Requirements

Requirement (#)	Category of NFR	Requirement Specification	Department	Name of Business User	Status
NFR1	Performance	All pages should load within 3 seconds	Dept. Of Tourism	Sharma	Audit Officer
NFR2	Performance	Search should bring the results less than 7 seconds	Business Development	Dr. Vivek Bindra	Business Coach
NFR3	Availability	Application should be available for 24x7	Medical Consultancy	G.N.S Krishna Murthi	Medical Representative
NFR4	Scalability	Registration Service should scale to serve 1000 request per second over 5 minutes time span	Management	Jivan Anand	Restaurant Owner
NFR5	Confidentiality	My login and check in details must be known to me only	Tourist	Paul Johnson	Traveller and Photographer
E1NFR1	Compliance	Must be very prompt to receive complaints in hotel rooms	N/A	Mrs. Das	Housewife
E1NFR2	Usability	Must be device independent	Dept. Of Law and Order, Govt. Of India	Dr. Prakash Singh Rathore	Chief Justice, High Court of Jaipur, Rajasthan

E1NFR3	Security	Must have a registered SSL and Firewall to ensure protection from data breaches	White Hat Hacker	Mr.K. Novoskov	KGB Agent Govt. O Russia
E1NFR4	Traceability	It must be able to make quick transactions and relay all shareable information of the process	Income Tax Department of India.	Mr. R Naraimhan	Income Tax Lawyer

4.3. System Requirements

Requirement (#)	Requirement Specification	Department	Name of Business User / Project Team Member	Status
IR1	Development Machine with 6 GB Ram and 4 Cores	Technical Team	Mainak Chaudhuri	Team Lead
IR2	Code Repository	Technical Team	Akshunn Sharma	Team Member, Cross Platform
IR3	AWS S3 Bucket	Technical Team	Prateek Anand	Team Member, Data Analytics
IR4	IDE – Visual Studio Code	Technical Team	All Members	Technical Team Members

Result: Thus, the requirements are identified, collected and documented.

<u>AIM</u>: Prepare Project Plan based on scope, Find Job roles and responsibilities, Calculate Project effort based on resources.

1. Project Summary

The project, Resort and Restaurant Management Business Package deals with the effective management of restaurant and business traffic to the site. This project serves as a common platform for tourists and resort managers. Customers can easily find their required resort/restaurant and the managers can find their expected customers. The traffic management and tracking is also made super easy by easy booking and real-time tracking and also a serious care is given to customer satisfaction.

2. Project Management Plan

Focus Area	Details
Integration Management	 i. The project will be governed the team lead. Our code tester Akshunn will verify whether all components hold true on the industrial standard norms. ii. Our project team is going to compose of our team lead Mainak, who also serves for the additional roles of document generation and chief programmer. Akshunn is playing the role of code tester and integrator, in order to ascertain whether we are in track while development. Prateek is handling the data flow and resource management and is thus also playing a key role in the development process. iii. Our project follows the Agile Development Model and so we are prompt with change management. Our module works on a basic wire-frame to which we always try to stick with while welcoming and managing requisite changes in the development procedure. iv. The development process of the website is expected to stop by the end of March,2021 but will always be open for updates and maintenance. The site will be live 24x7 and maintenance activities shall be carried on in the late night so that general working of the site is not hampered.
Scope Management	 v. The scope of this project is restricted to a B2B and a B2C relation. For business case, we try to make data tracking easy for which we rely on Prateek. To make systems work bug free is the greatest requirement in customer point of few. Akshunn, the bug tester handles this thing with suave ease. vi. The requirements are managed by our entire team part by part. There is no hard and fast restriction. We try to optimize our resources as far as possible, making use of cloud to reduce workloads on local PCs.

	 vii. The site controls are made very strong to be able to fit into any range of network, with lightning fast loading. viii. Project work assumptions, as of now suggests that we can easily pass development phases but might face a problem in multiple gateway integration. We have made reserve plans for that too. ix. Our possible threats are hackers and bugs. To handle this we will try to stick to safety norms, issuing of SSL certificates for our site and integration of firewall check posts. x. The site will be deliverable in full working version by the end of March,2021 with a cross platform compatibility. xi. Certain sub-activities for us are to make the sight attractive, reactive to changes and also informative. For this we have added a chat bot and a marquee event.
Schedule Management	xii. In our process of project development, we will have 5 major milestones. The business website, the customer companion manager, admin dashboard, payment gateway integration and final deployment. xiii. We have scheduled a maximum working hour of 21 hours a week for members and 10 hours / week for the team lead. Along with this, we have also generated a complete road map for the members to follow and evaluate the daily working and outcomes.
Cost Management	 xiv. We appreciate the work of all members. The estimated effort for each member is 3 hours per day for the development process. The workload on the team lead is approx 13 hrs per day. xv. We have built a high performance team which is capable of generating high impact with least man power. Each member works in total sync and cooperation. xvi. Since the maximum work is done by three members of our team, the budget is restricted to internet package cost, a minimal electricity bill and site hosting costs. Apart from these, there is no other expenditure.
Quality Management	 xvii. Quality Assurance: Quality assurance will be managed including governance, roles and responsibilities, tools and techniques and reporting xviii. Quality Control: The steps we take for quality control are by following industrial standards, light-weight website and repeatable code templates which we replicate in our each software component in order to save development time. We have also made templates for components like navigation bars, sliders, popups and forms which we integrate in the assembly line during our mounting stage of components.

Stakeholder	xix. The stakeholders for our product are Company managers, customers, resort/restaurant managements, local government bodies, share holders and local groceries. All of them have experienced a positive impact with the business setup.
Communication Management	xx. In this project, major communications are handled by Prateek. He is in charge of presenting the business plan and discussion with some of the local resorts and restaurants.
Risk Management	xxi. The major risk of our website are extremely high population, slow loading due to server loads,unexpected DDOS attacks, SQL injections and man in the middle attacks. To handle these risks, we have generated SSL authenticated safe hosting, AWS EC2 server-less cloud services and Secure Firebase back end.
Procurement Management	xxii. We adhere to organization's procurement policies under all circumstances.

3. Estimation

3.1 Effort and Cost Estimation

WBS	Activity	Activity Description	Sub-Task	Sub-Task Description	Effort (in hours)	Cost in INR
E1FR1	E1R1A1	Design the user screen and front-	E1R1A1T1	Business website building and back end linking	40	Rs.700
		end UI	E1R1A1T2	Customer guide web application	30	Rs.200
			E1R1A1T3	Data panel and dashboard creation	26	Rs. 300
E1FR1	E1R1A2	Identify Data Source for displaying	E1R1A1T4	Go through Interface contract (Application Data Exchange) documents	1	Rs. 0
		units of Energy Consumption	E1R1A1T5	Document presentation	3	Rs. 0

Total Effort (hr)	Cost (INR)	
100	Rs.1200 + Hosting cost	= Rs. 1500 (Inclusive of AWS
	credits)	

3.2 Infrastructure/Resource Cost [Capital Expenditure]

Infrastructure Requirement	Qty	Cost per qty	Cost per item
IR1	3 Laptops with Windows 10, 4 GB RAM, Intel quad core processor (8 th Gen)	Rs. 50,000	Rs. 1,50,000
IR2	3 Jio Internet connection with a Work From Home Top up package	Rs. 250	Rs. 750

4. Maintenance and Support Cost [Operation Expenditure]

Category	Details	Qty	Cost per qty per annum	Cost per item
People	Network, System, Middleware and DB Admin, Developer , Support Consultant	1	10000	10,000
License	Operating System, Database Middleware,IDE	10	10000	100,000
Infrastructures	Server, Storage and Network	20	20000	400,000

5. Project Team Formation

5.1.Identification Team members

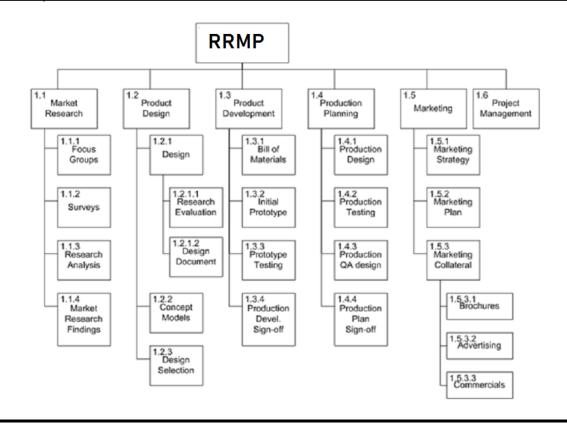
Name	Role	Responsibilities
Mainak, Akshunn	Key Business User (Product	Provide clear business and user
and Prateek	Owner)	requirements
Mainak Chaudhuri	Project Manager	Manage the project
Prateek Anand	Business Analyst	Discuss and Document Requirements
Mainak Chaudhuri	Technical Lead	Design the end-to-end architecture
Akshunn Sharma	UX Designer	Design the user experience
and Mainak		
Chaudhuri		
Mainak Chaudhuri	Front-end Developer	Develop user interface
Mainak Chaudhuri	Back-end Developer	Design, Develop and Unit Test
		Services/API/DB
Mainak Chaudhuri	Cloud Architect	Design the cost effective, highly available
		and scalable architecture
Mainak Chaudhuri	Cloud Operations	Provision required Services
Akshunn Sharma	Tester	Define Test Cases and Perform Testing

Result: Thus, the Project Plan was documented successfully.

AIM: Project risk management, risk table generation, discussion of impact and probabilities and Risk Mitigation, Monitoring and Management Plan.

WORK BREAKDOWN SYSTEM

RESORT AND RESTAURANT MANAGEMENT PACKAGE



Resort and Restaurant Management Business Package Manager

- 1. Project Package
 - A)Main Website
 - I. Resort Website
 - i. Displays the hotel/resort preview.
 - ii. Audio site feature (to speak out the contents of the website for the blind).
 - iii. Displaying resort room tariffs.
 - iv. Customer reviews and insights.
 - v. Enables all mode of payment

II. Restaurant Website

- i. Displays live data of customers in the restaurant.
- ii. Audio site enabled for the blind.
- iii. Option for pack and move, pick you food and home delivery.
- iv. Pre-booking of tables for future events.
- v. Enables all mode of payment.

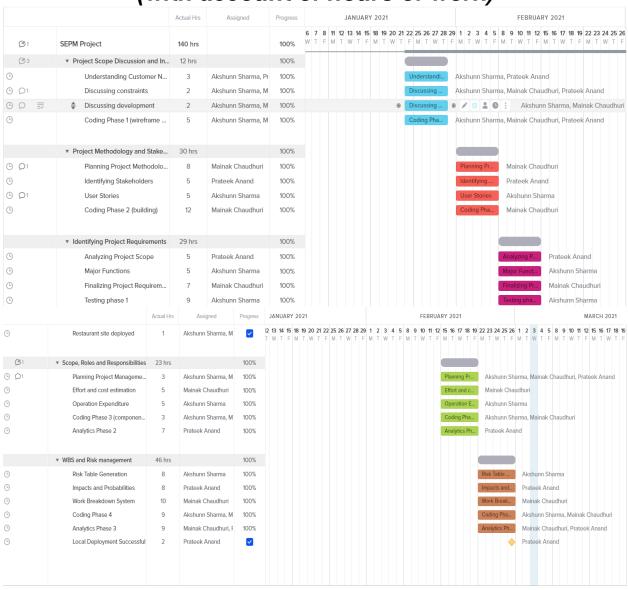
B) Customer Guide

- I. Auto login and notification alerts.
- II. Local weather forecasts and local news podcast.
- III. Local guide and sight seeing
- IV. Order restaurant.
- V. Netflix entertainment.
- VI. HELP ME! (emergency message generator)

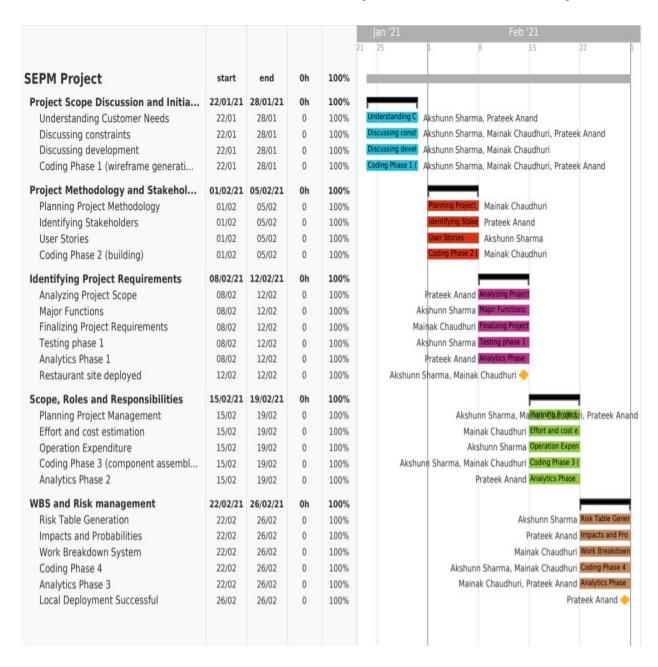
C) Admin Dashboard

- I. Number of checkins.
- II. Total capacity.
- III. Occupied rooms.
- IV. Rooms under maintenance.
- V. Dues/overheads.
- VI. Special requests.
- VII. Graphical insights.
- VIII. Satisfaction level.
- IX. HELP ME back end to cater to immediate needs.
- X. Notice boards and inventory data.
- XI. Cars parked/billed.

GANTT CHART (with account of hours of work)



A COMPLETE OVERVIEW (Hours unaccounted)



RISK TABLE

	Risk Summary	Risk Category	Probability	Impact	RMMM Plan
1	Issues in loading of the website's landing page and utilities due to poor internet connection.	Technical Risk	This risk has extremely low probability of occurrence as the pages are designed to handle low bandwidths	Approximately 0.1s delay in the response of any page might affect the customer traffic by 1%. So the impact is quite strong on a large population size.	A good idea to tackle the risk is to enable a basic HTML version where the internet speed is less than 2Kbps, to enable a customer at least browse through the page contents if not get the entire feel of designs
2	Misunderstanding of technical ideas	Operational Risk	Very low probability	This might lead to development of a wrong product or a product with unsatisfactory features	The best way to tackle this issue is the check and move approve, where we test the full functionality of the module on it's completion.
3	Surviving the market against the competitors	Programmatic Risk	The probabilities of this risk is quite high as all sectors are fast developing	The risk mentioned might reduce the website popularity if we cannot keep up with the change	The best way to handle this risk is to continuously innovate upon this idea and catch market signals to convert that into a feed forward in task.

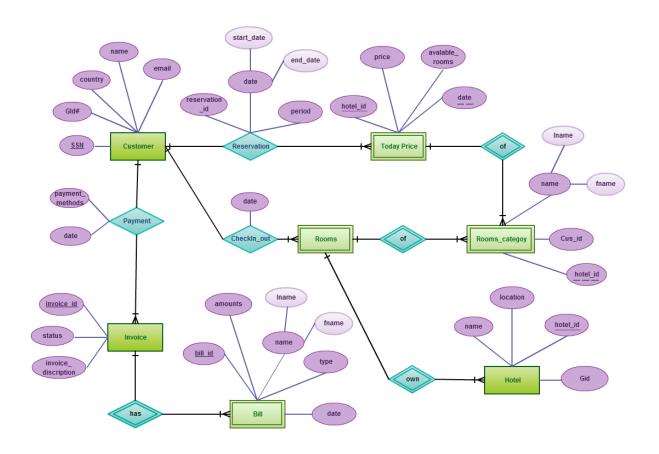
4	Cost of server maintenance	Budget Risk	The probability of occurrence is definite. We have a limited permitted funds and the cloud techs begin to get	This will impact the entire project budget and shoot up the expenditures.	We need to mitigate and work with cheaper techs to hold the bars in the predicted budget at least, till we receive a good market in the product.
			costlier day by day		
5	Technical ignorance leading to mishandling of the end product,(especially the admin panels) by resort / restaurant managers	Operational Risk	The possibilities of occurrence of such events are not something rare. It can have a quite high chance of occurrence	This might lead to poor management of visitors' needs. There might even be a risk in proper accounting. Customer feedback might get hampered.	To do away with this, we have built a high performance technical team who will be available 24/7 for support. Also a proper training shall be provided to the end users after successful alpha and beta testings.

Conclusion : The potential risks, their probabilities and RMMM have been discussed and the risk table has been generated successfully.

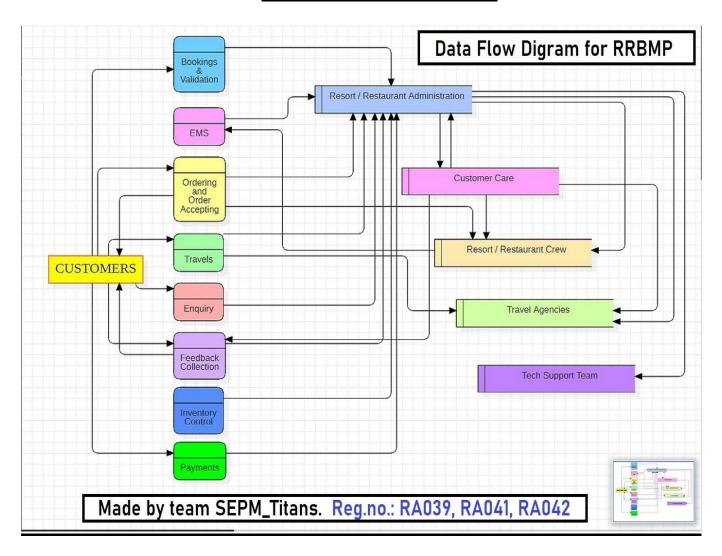
AIM: UML Diagrams for the project of Resort and Restaurant Business Management Package.

1.CLASS DIAGRAM

E-R Diagram for Hotel Management System



2. DATA FLOW DIAGRAM



The data flow diagram explains how the data of the individual elements flow from one component to another. Some components (here, the admin) has access to all data flow as it needs to keep a keen watch over the entire workflow. Data from admin are fed in components like customer care, crew members, and tech teams. Admin also exercise a thorough control on the travel agencies so as to prevent any method of fraudulent incidents while dealing with third party companies. Customers cannot directly interact with the admin, crew or tech team to reduce chaos in system and make things logical. Multiple small functionalities are merged into bigger domains to reduce space usage and complexities. Certain components also have a 2 way data flow as per need.

3. SYSTEM DESIGNS ARCHITECTURE DIAGRAM

DESIGN SYSTEM ARCHITECTURE DIAGRAM FOR RRBPM

Paradise Enterprise wireframe **RA 041** wireframe building **RA 042** building Guest Guide Admin Dashboard Restaurant Resorts Landing Page

All guidances

to customers

Overall administration

and management

Team SEPM_Titans **RA 039**

Company Name [B] Paradise Enterprise ---->

Resort

facilities

D ----> Designing.

All restaurant

services

C ----> Coding.

P ----> Products.

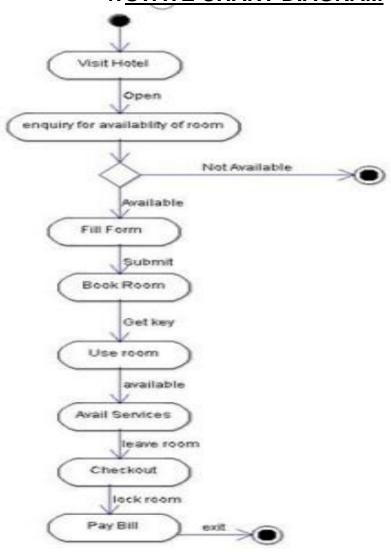
In each phase of development of the components, there are 2 phases for our project. The Design phase in which we generate website wire-frames and in the coding phase, we generate the actual web pages / components. Since we are focused on component development approach, the successful working of each component on the web pages are the final goals for that page.

Redirection

In products, we describe the services that an end user gets from using the web page. It can be food ordering, table booking, resort room booking, user guidance and entertainment or even the admin resource managements.

AIM: State Chart, ER and Deployment Diagrams of the project modules.

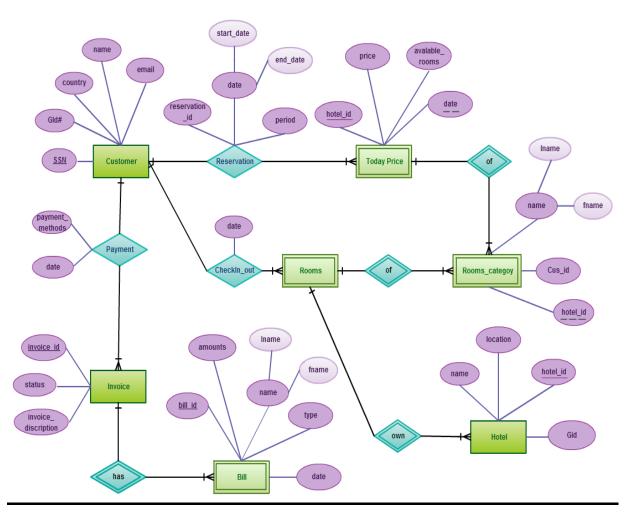
1. STATE CHART DIAGRAM



O----> states

2. ENTITY RELATIONSHIP DIAGRAM

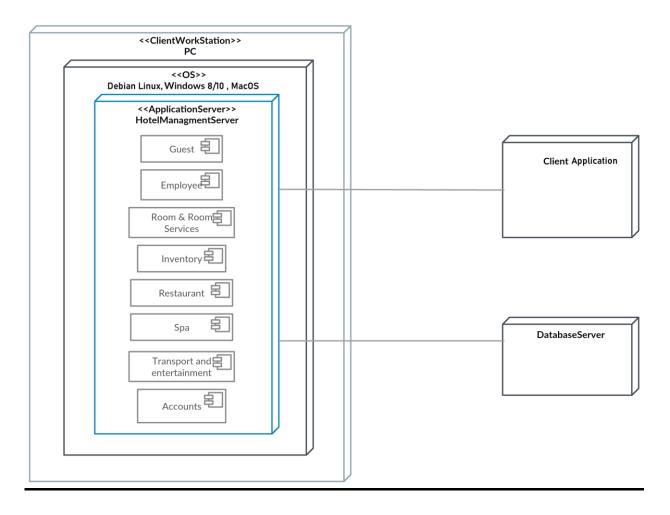
E-R Diagram for Hotel Management System



Ш	> Entities or processes
	=> Relations
Ovals	> Attributes/properties
Diamond	ds> relationship type

3. DEPLOYMENT DIAGRAM

HOTEL MANAGEMENT SYSTEM



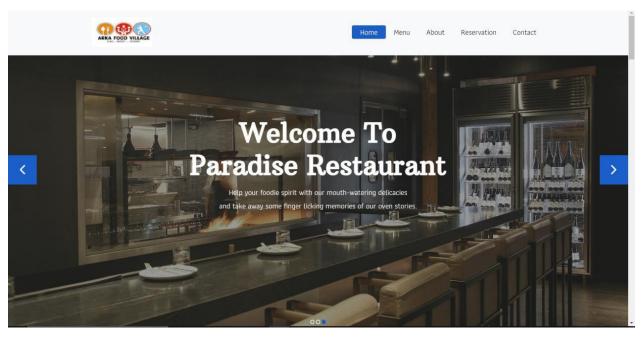
Client application and database servers are resources

The 8 rectangles inside the main figure are modules, each having and unique functionality. All modules are connected to database server.

AIM: UI / UX Designs and Website Layouts

RESTAURANT WEBSITE UI (LAPTOP AND MOBILE VIEWS)







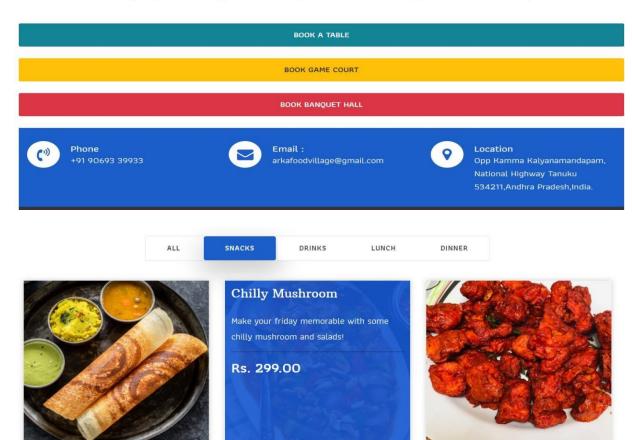
Home

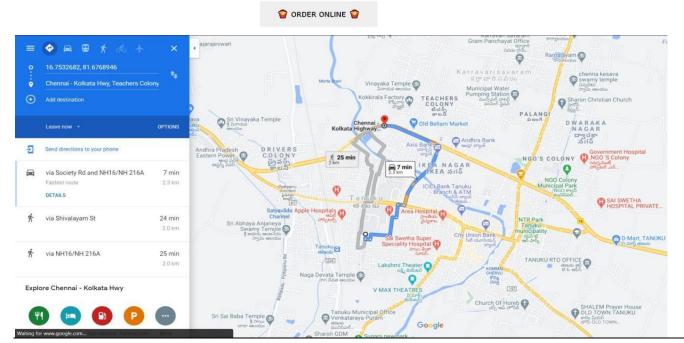
Menu

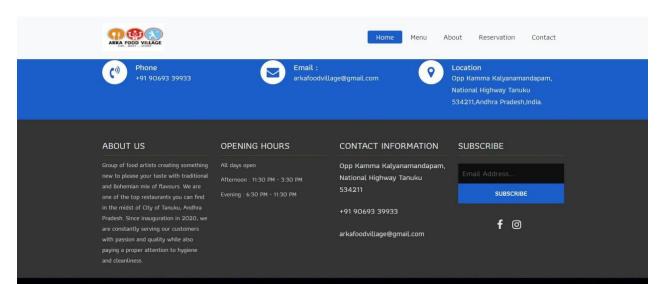
About Reservation Contact

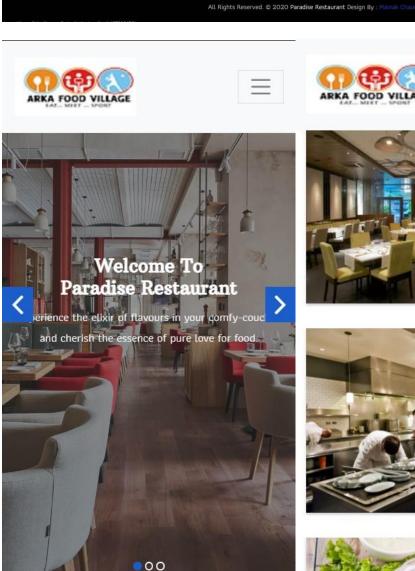
Book your Space

Book your preferred table, game court or banquet hall online. We will keep your seat and cuisine ready.











CODE

```
<!DOCTYPE html>
<html lang="en">
<!-- Basic -->
<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <!-- Mobile Metas -->
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <!-- Site Metas -->
    <title>Paradise Restaurants - Elixir of Tastes
    <meta name="keywords" content="arka, food, village, restaurant, tanuku, best">
    <meta name="description" content="arka food village is the best restaurant in</pre>
tanuku">
   <meta name="author" content="arka food village">
   <!-- Site Icons -->
    <!-- Bootstrap CSS -->
    k rel="stylesheet" href="css/bootstrap.min.css">
    <!-- Site CSS -->
   k rel="stylesheet" href="css/style.css">
    <!-- Responsive CSS -->
    k rel="stylesheet" href="css/responsive.css">
    <!-- Custom CSS -->
    k rel="stylesheet" href="css/custom.css">
    <!--[if 1t IE 9]>
     <script src="https://oss.maxcdn.com/libs/html5shiv/3.7.0/html5shiv.js"></script>
      <script
src="https://oss.maxcdn.com/libs/respond.js/1.4.2/respond.min.js"></script>
   <![endif]-->
</head>
<body>
   <!-- Start header -->
    <header class="top-navbar">
        <nav class="navbar navbar-expand-lg navbar-light bg-light">
           <div class="container">
```

```
<a class="navbar-brand" href="index.html">
                  <img src="logo.jpg" alt="" />
               \langle a \rangle
               <button class="navbar-toggler" type="button" data-toggle="collapse"</pre>
data-target="#navbars-rs-food" aria-controls="navbars-rs-food" aria-expanded="false"
aria-label="Toggle navigation">
                              <span class="navbar-toggler-icon"></span>
                            </button>
               <div class="collapse navbar-collapse" id="navbars-rs-food">
                  class="nav-item active"><a class="nav-link"</pre>
href="index.html">Home</a>
                      <a class="nav-link"</pre>
href="menu.html">Menu</a>
                      <a class="nav-link"</pre>
href="about.html">About</a>
                      <a class="nav-link"</pre>
href="reservation.html">Reservation</a>
                      class="nav-item"><a class="nav-link"</pre>
href="contact.html">Contact</a>
                  \langle u1 \rangle
               </div>
           </div>
       </nav>
   </header>
    <!-- End header -->
    <!-- Start slides -->
   <div id="slides" class="cover-slides">
       <img
src="https://images.adsttc.com/media/images/5e4c/1025/6ee6/7e0b/9d00/0877/large_jpg/fe
ature - Main hall 1. jpg?1582043123" alt="">
               <div class="container">
                  <div class="row">
                      <div class="col-md-12">
                          <h1 class="m-b-20"><strong>Welcome To <br>< Paradise</pre>
Restaurant</strong></h1>
                          Experience the elixir of flavours in
your comfy-couches (br) and cherish the essence of pure love for food. (/p)
                      </div>
                  </div>
               </div>
```

```
<img src="https://cdn.cnn.com/cnnnext/dam/assets/190625170055-mirazur-</pre>
dining-room-night-nicolas-lobbestael.jpg" alt="">
                  <div class="container">
                      <div class="row">
                          <div class="col-md-12">
                               <h1 class="m-b-20"><strong>Welcome To <br> Paradise
Restaurant</strong></h1>
                               Hunger has no medicine but a plate of
delicious food br> which induces an aura of pleasure running down your taste buds buds delicious food br> which induces an aura of pleasure running down your taste buds
                          </div>
                      \langle div \rangle
                  \langle div \rangle
             \langle /1i \rangle
             <img src="https://d2wlef2ao9g8r9.cloudfront.net/images/Kitchen-</pre>
Design.jpg?mtime=20200527172659&focal=34.05%25+49.16%25" alt="">
                  <div class="container">
                      <div class="row">
                          <div class="col-md-12">
                               <h1 class="m-b-20"><strong>Welcome To <br> Paradise
Restaurant</strong></h1>
                               Help your foodie spirit with our mouth-
watering delicacies (br) and take away some finger licking memories of our oven
stories. 
                          </div>
                      </div>
                  \langle div \rangle
             \langle /1i \rangle
         \langle u1 \rangle
         <div class="slides-navigation">
             <a href="#" class="next"><i class="fa fa-angle-right" aria-</pre>
hidden="true"></i></a>
             <a href="#" class="prev"><i class="fa fa-angle-left" aria-</pre>
hidden="true"></i></a>
         \langle div \rangle
    </div>
    <div class="about-section-box">
         <div class="container">
             <div class="row">
                  <div class="col-lg-6 col-md-6 col-sm-12">
```

 $\langle /1i \rangle$

```
<img src="https://s3.wp.wsu.edu/uploads/sites/609/2019/08/ACF-</pre>
competition-1188x792.jpg" alt="" class="img-fluid">
                </div>
                <div class="col-lg-6 col-md-6 col-sm-12 text-center">
                     <div class="inner-column">
                         <h1>Welcome To <span>Paradise Restaurant</span></h1>
                         <h4>Little Story</h4>
                         The love for food makes you stand out from all. 
                         So, in Arka Food Village, we try to find the best choice of
food, specially for you. Ranging from the royal Biriyani to the delicious Dosas,
Chinese, Italian and Continental cuisines that are bound to make you feel "Greedy".
Enjoy
                             the lip smacking tastes exclusively from our ovens at our
place or feel free to order them to your residence. 
                         Your enjoyment is our goal. Help us to achieve it. 
                     </div>
                </div>
            </div>
        \langle div \rangle
    </div>
    <div class="qt-box qt-background">
        <div class="container">
            <div class="row">
                <div class="col-md-8 ml-auto mr-auto text-left">
                     "The secret of success in life is to eat what you like and
let the food fight it out inside. "
                     \langle p \rangle
                     <span class="lead">Mark Twain</span>
                </div>
            \langle div \rangle
        </div>
    \langle div \rangle
    <div class="menu-box">
        <div class="container">
            <div class="row">
                <div class="col-1g-12">
                     <div class="heading-title text-center">
                         <h2>Special Menu</h2>
                         Choose your flavour from our best-sellers
                     \langle div \rangle
                </div>
            </div>
```

```
<div class="row">
                <div class="col-lg-12">
                     <div class="special-menu text-center">
                         <div class="button-group filter-button-group">
                             <button class="active" data-filter="*">All</button>
                             <button data-filter=".breakfast">Snacks</button>
                             <button data-filter=".drinks">Drinks</button>
                             <button data-filter=".lunch">Lunch</button>
                             <button data-filter=".dinner">Dinner</button>
                         \langle div \rangle
                     </div>
                </div>
            </div>
            <div class="row special-list">
                <div class="col-lg-4 col-md-6 special-grid drinks">
                     <div class="gallery-single fix">
                         <img
src="https://www.mydomaine.com/thmb/ui9phMENr2UJTcU1m8HINuqBWvU=/700x700/smart/filters
:no upscale()/cdn.cliqueinc.com cache posts 263085 non-alcoholic-summer-drinks-
263085-1531774034846-main.700x0c-229c9b0e6edb4f999d40102ea8aa39b3.jpg"class="img-
fluid"
                             alt="Image">
                         <div class="why-text">
                             <h4>Special Watermelon-Strawberry Lassi</h4>
                             A sweet treat for you to replenish your energy with a
nutritious bump!
                             <h5>Rs. 99.00 </h5>
                         </div>
                     </div>
                </div>
                <div class="col-lg-4 col-md-6 special-grid drinks">
                     <div class="gallery-single fix">
                         <img src="https://www.thespruceeats.com/thmb/btmzeuf1ZzK-</pre>
P7YJucsdLZF9GPI=/1362x1362/smart/filters:no upscale()/blue-margarita-recipe-760849-
9 preview-5b16da5c31283400365c7c41.jpeg class="img-fluid" alt="Image">
                         <div class="why-text">
                             <h4>Blue Lagoon</h4>
                             Get charged and rejuvenate with this drink to drop back
to life!
                             \langle h5 \rangle Rs. 79.00 \langle /h5 \rangle
                         </div>
                     </div>
                </div>
```

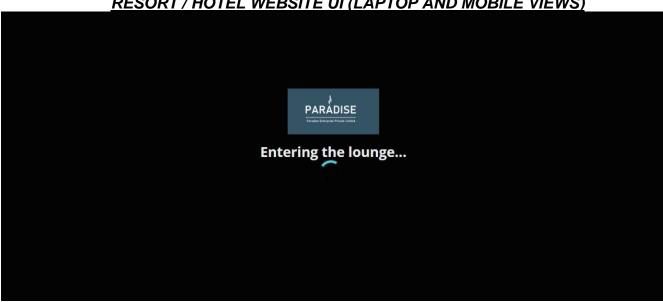
```
<div class="col-lg-4 col-md-6 special-grid drinks">
                     <div class="gallery-single fix">
                         <img
src="https://cdn.tasteatlas.com/images/dishes/5291b5f2fcee42849cd84a03bff55e0a.jpg?w=6
00&h=600" class="img-fluid" alt="Image">
                         <div class="why-text">
                              <h4>Chocolate shakes</h4>
                              A set of 3 amazing milkshakes to choose from, to help
you make a memorable visit or a date!
                             \langle h5 \rangle Rs. 99.00 \langle /h5 \rangle
                         \langle div \rangle
                     </div>
                 </div>
                 <div class="col-lg-4 col-md-6 special-grid breakfast">
                     <div class="gallery-single fix">
                         <img src="https://www.cookwithmanali.com/wp-</pre>
content/uploads/2020/05/Masala-Dosa-500x500.jpg" class="img-fluid" alt="Image">
                         <div class="why-text">
                              <h4>Special Masala Dosa</h4>
                             Loose yourself in the mouth-watering and smooth blend
of fried Dosa, Sambar and Coconut chutney!
                              <h5>Rs. 56.00</h5>
                         </div>
                     \langle div \rangle
                 </div>
                 <div class="col-lg-4 col-md-6 special-grid breakfast">
                     <div class="gallery-single fix">
                         <img src="https://www.funfoodfrolic.com/wp-</pre>
content/uploads/2020/06/Chilli-Mushroom-Thumbnail.jpg" class="img-fluid" alt="Image">
                         <div class="why-text">
                              <h4>Chilly Mushroom</h4>
                              Make your friday memorable with some chilly mushroom
and salads!
                              <h5>Rs. 299.00</h5>
                         </div>
                     \langle div \rangle
                 </div>
                 <div class="col-lg-4 col-md-6 special-grid breakfast">
                     <div class="gallery-single fix">
                         <img src="https://img-</pre>
global.cpcdn.com/recipes/75ced910a999cc66/400x400cq70/photo.jpg class="img-fluid"
alt="Image">
```

```
<div class="why-text">
                              <h4>Chicken 65</h4>
                             If you want a tangy tinge in your healthy snacks, this
must your perfect food statement, full of flavours and health! 
                             <h5>Rs. 299.00/ plate</h5>
                         \langle div \rangle
                     </div>
                 </div>
                 <div class="col-lg-4 col-md-6 special-grid lunch">
                     <div class="gallery-single fix">
                         <img src="https://myfoodstory.com/wp-</pre>
content/uploads/2018/09/The-Best-Chicken-Biryani-Recipe-2-800x617.jpg?w=600&h=600"
class="img-fluid" alt="Image">
                         <div class="why-text">
                             <h4>Mesmerizing Hyderabad Biryani</h4>
                             The royalty at your plate, presenting to you one of the
best cuisines of modern India! 
                             <h5>Rs. 199.00</h5>
                         \langle div \rangle
                     </div>
                 </div>
                 <div class="col-lg-4 col-md-6 special-grid lunch">
                     <div class="gallery-single fix">
                         <img src="https://siddharthabiz.com/wp-</pre>
content/uploads/2020/06/Indian-chicken-kebab-GettyImages-91279048-
58eee4623df78cd3fcd0c6ca.jpg?w=600&h=600" class="img-fluid" alt="Image">
                         <div class="why-text">
                             <h4>Veg Manchow Soup</h4>
                             A fantastic blend of soft and tasty veggies with
amazing spices!
                             \langle h5 \rangle Rs. 109.00 \langle /h5 \rangle
                         </div>
                     \langle div \rangle
                 </div>
                 <div class="col-lg-4 col-md-6 special-grid lunch">
                     <div class="gallery-single fix">
                         <img
src="https://static.toiimg.com/thumb/52446409.cms?width=1200&height=900" class="img-
fluid" alt="Image">
                         <div class="why-text">
                              <h4>Paneer Makahani</h4>
                             A delicious taste to your foodie self with a creamy and
unforgettable delight of cottage cheese!
```

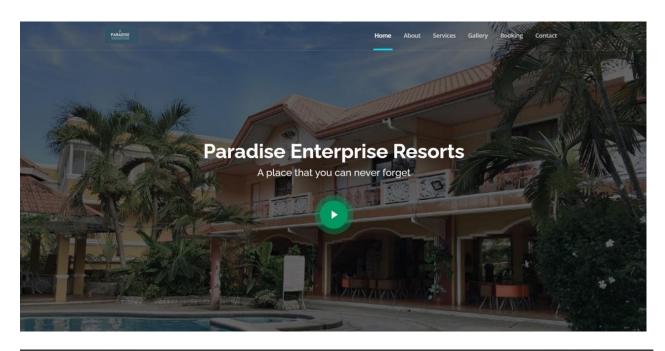
```
<h5>Rs. 229.00</h5>
                          </div>
                      \langle div \rangle
                 </div>
                 <div class="col-lg-4 col-md-6 special-grid dinner">
                      <div class="gallery-single fix">
                          <img src="https://www.cubesnjuliennes.com/wp-</pre>
content/uploads/2020/06/Spicy-Chicken-Hakka-Noodles-Recipe.jpg" class="img-fluid"
alt="Image">
                          <div class="why-text">
                              <h4>Special Hakka Chow</h4>
                              Tasting from the provinces of Manchuria, a flavour that
will make you want more!
                              \langle h5 \rangle Rs. 199.00 \langle /h5 \rangle
                          \langle div \rangle
                      </div>
                 </div>
                 <div class="col-lg-4 col-md-6 special-grid dinner">
                      <div class="gallery-single fix">
                          <img
src="https://images.immediate.co.uk/production/volatile/sites/30/2020/08/beetroot-
feta-grain-salad-62cb012.jpg?quality=90&resize=960,950" class="img-fluid" alt="Image">
                          <div class="why-text">
                               <h4>The Diet Salad</h4>
                               A rich diet can be well balanced by a diet salad, which
you will get here!
                              <h5>Rs. 110.00</h5>
                          </div>
                      </div>
                 \langle div \rangle
                 <div class="col-lg-4 col-md-6 special-grid dinner">
                      <div class="gallery-single fix">
                          <img src="https://www.whiskaffair.com/wp-</pre>
content/uploads/2014/08/Lachha-Paratha-3.jpg" class="img-fluid" alt="Image">
                          <div class="why-text">
                              <h4>Laccha Paratha</h4>
                              An irresistible taste of parathas with an unforgetable
enigma!
                              \langle h5 \rangle Rs. 55.00 \langle /h5 \rangle
                          </div>
                      </div>
                 </div>
```

```
</div>
        </div>
    </div>
    <center>
        <button type="button" class="btn btn-default"</pre>
onclick="location.href='https://www.zomato.com/tanuku/arka-food-village-1-tanuku-
locality/order'">
```

RESORT / HOTEL WEBSITE UI (LAPTOP AND MOBILE VIEWS)







About Services Gallery Booking Contact

About Us

Welcome to Paradise Enterprise Resorting and Hospitality. We are a group of world-class resorts, hotels and restaurants, constantly providing the best quality services. Since our debut in 2018, we are successfully delivering the best quality ambience, quisine and all sorts of refreshments for our tourists, throughtout the nation. We have also been a source of permanent job to many eligible youths (even during the hard times of COVID-19) and so, we stand out with the strongest and most efficient youth team in the whole of Asia.

- man
- State-of-art buildings, swimming pools, restaurants, meeting spots, rooms and much more
- ✓ Value for money. Pay less,get more and keep coming again and
- Secure and quick.
- w HRACC approved 5 🇙 rated hotels, resorts and restaurants.
- ✓ ISO 9001 certified for hygiene and ambience.







Services

A good resort or restaurant is the one who care for their customers' needs. At Paradise, we try to do the same, providing world class hotelling and the same of their customers' needs. At Paradise, we try to do the same, providing world class hotelling the same of theexperience to our customers. Be it your weekend to chillax or an official stay, Paradise is always at your service. Feel free to check out the facilities which we offer.



Spacious Bedrooms

Well lit bedrooms with sufficient space to accomodate you and your family.



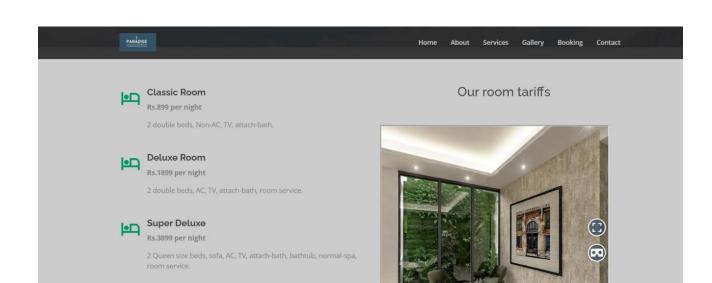
Free and Fast Wifi

You will never feel disconnected with our blazing fast wifi networks.



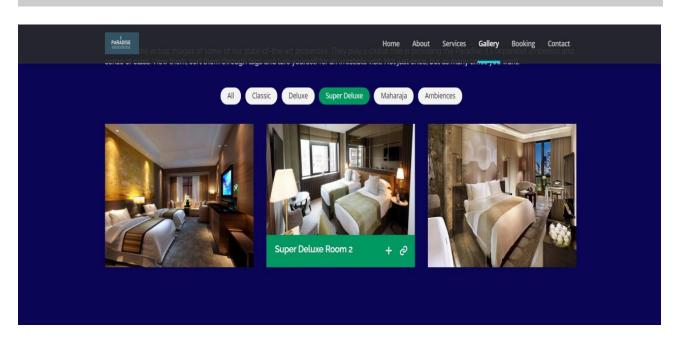
Convenient

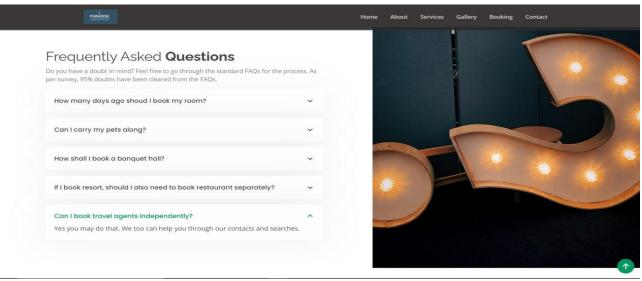
Nearest railway station within a range of 1km. Nearest bus stop at 500 m. Near to highways.

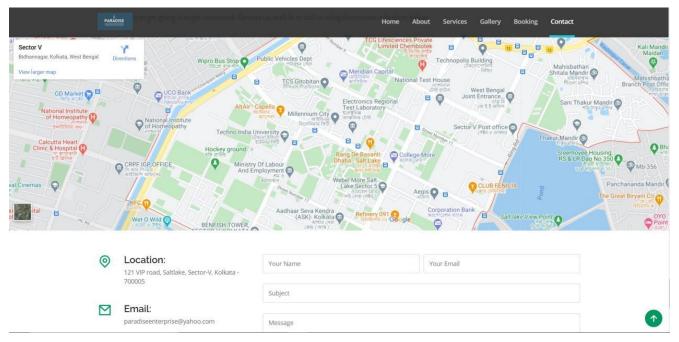


Maharaja Kaksha
Rs.6899 per night

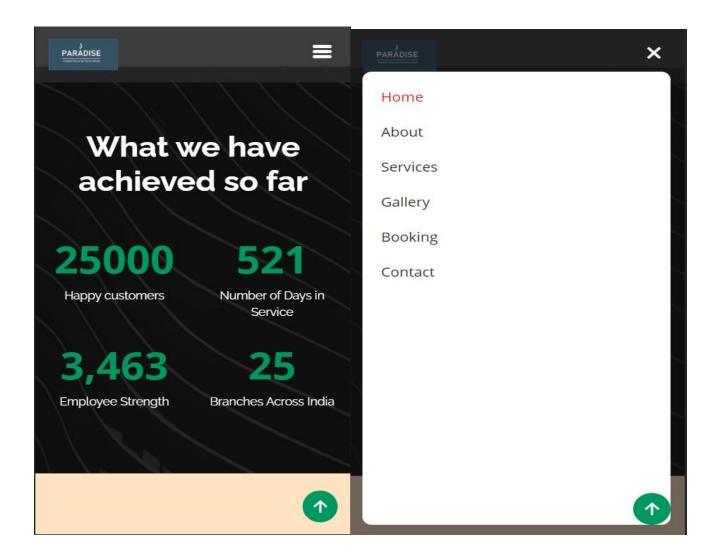
King size bed, sofa, AC, TV, attach-bath, bathtub, thai-spa/zakkushi,











CODE

```
<1ink
href="https://fonts.googleapis.com/css?family=0pen+Sans:300,300i,400,400i,600,600i,700
, 700i | Raleway: 300, 300i, 400, 400i, 500, 500i, 600, 600i, 700, 700i | Poppins: 300, 300i, 400, 400i, 5
00,500i,600,600i,700,700i" rel="stylesheet">
  <!-- Vendor CSS Files -->
  <link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
  k href="assets/vendor/icofont/icofont.min.css" rel="stylesheet">
  <link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
  k href="assets/vendor/remixicon/remixicon.css" rel="stylesheet">
  k href="assets/vendor/venobox/venobox.css" rel="stylesheet">
  k href="assets/vendor/owl.carousel/assets/owl.carousel.min.css"
rel="stylesheet">
  <!-- Template Main CSS File -->
  <link href="assets/css/style.css" rel="stylesheet">
</head>
<body>
  <!-- ==== Header ===== -->
  <header id="header" class="fixed-top">
    <div class="container-fluid">
     <div class="row justify-content-center">
       <div class="col-x1-9 d-flex align-items-center justify-content-between">
         <h1 class="logo"><a href="index.html"><img</pre>
src="assets\img\Logo.png"></a></h1>
         <nav class="nav-menu d-none d-lg-block">
           <111>
             <a href="index.html">Home</a>
             <a href="#about">About</a>
             <a href="#services">Services</a>
             <a href="#portfolio">Gallery</a>
             <a href="#pricing">Booking</a>
             <a href="#contact">Contact</a>
           </nav><!-- .nav-menu -->
```

```
</div>
      </div>
    </div>
  </header><!-- End Header -->
  <!-- ===== Hero Section ====== -->
  <section id="hero" class="d-flex flex-column justify-content-center">
    <div class="container">
      <div class="row justify-content-center">
        <div class="col-x1-8">
          <h1>Paradise Enterprise Resorts</h1>
          <h2>A place that you can never forget</h2>
          <a href="https://youtu.be/qRD2-4-irFE" class="venobox play-btn mb-4" data-</pre>
vbtype="video" data-autoplay="true"></a>
        \langle div \rangle
      </div>
    </div>
  </section><!-- End Hero -->
  <main id="main">
    <!-- ===== About Us Section ===== -->
    <section id="about" class="about">
      <div class="container">
        <div class="section-title">
          <h2>About Us</h2>
          <h6>Welcome to Paradise Enterprise Resorting and Hospitality. We are a group
of world-class resorts, hotels and restaurants, constantly providing the best quality
services. Since our debut in 2018, we are successfully delivering the best quality
ambience, quisine and all sorts of refreshments for our tourists, throughtout the
nation. We have also been a source of permanent job to many eligible youths (even
during the hard times of COVID-19) and so, we stand out with the strongest and most
efficient youth team in the whole of Asia. </h6>
        </div>
        <div class="row content">
          <div class="col-lg-6">
            >
            \langle p \rangle
            <u1>
              <i class="ri-check-double-line"></i> Best in class ambience within a
reasonable budget for a common man
```

```
<i class="ri-check-double-line"></i>State-of-art buildings, swimming
pools, restaurants, meeting spots, rooms and much more 
              <i class="ri-check-double-line"></i>Value for money. Pay less, get
more and keep coming again and again. 
              <i class="ri-check-double-line"></i>Secure and quick.</or>
              <1i>i class="ri-check-double-line"></i>HRACC approved 5 ☆ rated
hotels, resorts and restaurants. 
              <i class="ri-check-double-line"></i>ISO 9001 certified for hygiene
and ambience. 
              <1i><img src="assets\img\is.png" width="200px"></1i>
            \langle u1 \rangle
          </div>
          <div class="col-lg-6 pt-4 pt-lg-0">
              <img src="assets\img\dd.jpg">
            \langle p \rangle
          \langle div \rangle
        </div>
      </div>
    </section><!-- End About Us Section -->
    <section id="counts" class="counts">
      <div class="container">
        <div class="text-center title">
          <h3>What we have achieved so far</h3>
        </div>
        <div class="row counters">
          <div class="col-lg-3 col-6 text-center">
            <span data-toggle="counter-up" duration="2">25000</span>
            Happy customers
          </div>
          <div class="col-lg-3 col-6 text-center">
            <span data-toggle="counter-up" duration="2">521</span>
            Number of Days in Service
          </div>
          <div class="col-lg-3 col-6 text-center">
            <span data-toggle="counter-up" duration="2">3,463</span>
            Employee Strength
```

```
</div>
          <div class="col-lg-3 col-6 text-center">
            <span data-toggle="counter-up" duration="2">25</span>
            Spranches Across India
          \langle div \rangle
        \langle div \rangle
      \langle div \rangle
    </section>
    <!-- ===== Services Section ===== -->
    <section id="services" class="services">
      <div class="container">
        <div class="section-title">
          <h2>Services</h2>
          <h6>A good resort or restaurant is the one who care for their customers'
needs. At Paradise, we try to do the same, providing world class hotelling experience
to our customers. Be it your weekend to chillax or an official stay, Paradise is
always at your service. Feel free to check out the facilities which we offer. </h6>
        </div>
        <div class="row">
          <div class="col-lg-4 col-md-6 d-flex align-items-stretch">
            <div class="icon-box">
              <div class="icon"><i class="bx bx-bed"></i></div>
              <h4><a href="">Spacious Bedrooms</a></h4>
              Well lit bedrooms with sufficient space to accomodate you and your
family. \langle p \rangle
            </div>
          </div>
          <div class="col-lg-4 col-md-6 d-flex align-items-stretch mt-4 mt-md-0">
            <div class="icon-box">
              <div class="icon"><i class="bx bx-wifi-2"></i></div>
              <h4><a href="">Free and Fast Wifi</a></h4>
              You will never feel disconnected with our blazing fast wifi
networks. 
            </div>
          </div>
          <div class="col-lg-4 col-md-6 d-flex align-items-stretch mt-4 mt-lg-0">
            <div class="icon-box">
              <div class="icon"><i class="bx bx-map"></i></div>
              <h4><a href="">Convenient</a></h4>
```

```
Nearest railway station within a range of 1km. Nearest bus stop at
500 m. Near to highways. 
            </div>
          \langle div \rangle
          <div class="col-lg-4 col-md-6 d-flex align-items-stretch mt-4">
            <div class="icon-box">
              <div class="icon"><i class="bx bx-drink"></i></div>
              <h4><a href="">Healthy Food and Drinks</a></h4>
              Enjoy healthy food and drinks and stay safe from any worries. 
            \langle div \rangle
          </div>
          <div class="col-lg-4 col-md-6 d-flex align-items-stretch mt-4">
            <div class="icon-box">
              <div class="icon"><i class="bx bx-slideshow"></i></div>
              <h4><a href="">Enjoyment</a></h4>
              Spook a seat in the in-campus theatre hall and enjoy the local arts
and culture. 
            \langle div \rangle
          </div>
          <div class="col-lg-4 col-md-6 d-flex align-items-stretch mt-4">
            <div class="icon-box">
              <div class="icon"><i class="bx bx-arch"></i></div>
              <h4><a href="">Great places to visit</a></h4>
              A trip is incomplete without a visit to the main places of
attraction. Choose your trip from tourist plans. 
            </div>
          \langle div \rangle
        \langle div \rangle
      </div>
    </section><!-- End Services Section -->
    <!-- ===== Cta Section ===== -->
    <section id="cta" class="cta">
      <div class="container">
        <div class="row">
          <div class="col-lg-9 text-center text-lg-left">
            <center><h3>Find your ultimate chillax station with us and enjoy
life</h3></center>
          \langle div \rangle
```

```
<div class="col-lg-3 cta-btn-container text-center">
            </div>
         </div>
       </div>
     </section><!-- End Cta Section -->
     <!-- ===== Features Section ====== -->
     <section id="features" class="features">
       <div class="container">
         <div class="row">
            <div class="col-lg-6 order-2 order-lg-1">
              <div class="icon-box mt-5 mt-lg-0">
                 <i class="bx bx-hotel"></i></i></or>
                 <h4>Classic Room</h4>
                 <b>Rs. 899 per night</b>
                 \langle p \rangle 2 double beds, Non-AC, TV, attach-bath.\langle p \rangle
              \langle div \rangle
              <div class="icon-box mt-5">
                 <i class="bx bx-hotel"></i></i>
                 \langle h4 \rangle Deluxe Room \langle /h4 \rangle
                 <b>Rs. 1899 per night</b>
                 2 double beds, AC, TV, attach-bath, room service.
              \langle div \rangle
              <div class="icon-box mt-5">
                 <i class="bx bx-hotel"></i></i></or>
                 <h4>Super Deluxe</h4>
                 \langle p \rangle \langle b \rangle Rs. 3899 \text{ per night} \langle /b \rangle \langle /p \rangle
                 2 Queen size beds, sofa, AC, TV, attach-bath, bathtub, normal-spa,
room service. 
              \langle div \rangle
              <div class="icon-box mt-5">
                 <i class="bx bx-hotel"></i></i>
                 <h4>Maharaja Kaksha</h4>
                 \langle p \rangle \langle b \rangle Rs. 6899 \text{ per night} \langle b \rangle \langle /p \rangle
                 King size bed, sofa, AC, TV, attach-bath, bathtub, thai-
spa/zakkushi, room service. 
              </div>
            </div>
            <div class="image col-lg-6 order-1 order-lg-2">
              <h3><center>Our room tariffs</center></h3>
              <br><br>>
```

```
<iframe width="500px" height="500px"</pre>
src="https://momento360.com/e/u/2f7b879b44c5474095a8a9fd73e9cef5?utm campaign=embed&ut
m source=other&heading=0&pitch=0&field-of-view=75&size=medium"></iframe>
      </div>
     </div>
   </section><!-- End Features Section -->
   <!-- ===== Portfolio Section ===== -->
   <section id="portfolio" class="portfolio">
     <div class="container">
      <div class="section-title">
        <h2>Gallery</h2>
        <h6>These are the actual images of some of our state-of-the-art properties.
They play a crutial role in providing the Paradise it's unparallel ambience and sense
of class. View them, sort them through tags and lure yourself for an irrestible visit.
Not just once, but as many times you want. </h6>
      </div>
      <div class="row">
        <div class="col-lg-12 d-flex justify-content-center">
          All
            Classic
            data-filter=".filter-d">Deluxe
            Super Deluxe
            Maharaja
            Ambiences
          \langle u1 \rangle
        </div>
       </div>
      <div class="row portfolio-container">
        <div class="col-lg-4 col-md-6 portfolio-item filter-c">
          <img src="assets/img/portfolio/portfolio-1.jpg" class="img-fluid" alt="">
          <div class="portfolio-info">
            <h4>Classic Room 1</h4>
```

```
<a href="assets/img/portfolio/portfolio-1.jpg" data-</pre>
gall="portfolioGallery" class="venobox preview-link" title="App 1"><i class="bx bx-
plus"></i></a>
               <a href="#pricing" class="details-link" title="More Details"><i</pre>
class="bx bx-link"></i></a>
             \langle div \rangle
          </div>
          <div class="col-lg-4 col-md-6 portfolio-item filter-d">
             <img src="assets/img/portfolio/portfolio-2.jpg" class="img-fluid" alt="">
             <div class="portfolio-info">
               \langle h4 \rangleDeluxe Room 1 \langle /h4 \rangle
               <a href="assets/img/portfolio/portfolio-2.jpg" data-</pre>
gall="portfolioGallery" class="venobox preview-link" title="Web 3"><i class="bx bx-
plus"></i></a>
               <a href="#pricing" class="details-link" title="More Details"><i</pre>
class="bx bx-link"></i></a>
             </div>
          </div>
          <div class="col-lg-4 col-md-6 portfolio-item filter-s">
             <img src="assets/img/portfolio/portfolio-3.jpg" class="img-fluid" alt="">
             <div class="portfolio-info">
               <h4>Super Deluxe Room 1</h4>
               <a href="assets/img/portfolio/portfolio-3.jpg" data-</pre>
gall="portfolioGallery" class="venobox preview-link" title="App 2"><i class="bx bx-
plus"></i></a>
               <a href="#pricing" class="details-link" title="More Details"><i</pre>
class="bx bx-link"></i></a>
             \langle div \rangle
          </div>
          <div class="col-lg-4 col-md-6 portfolio-item filter-m">
             <img src="assets/img/portfolio/portfolio-6.jpg" class="img-fluid" alt="">
             <div class="portfolio-info">
               <h4>Maharaja 1</h4>
               <a href="assets/img/portfolio/portfolio-6.jpg" data-</pre>
gall="portfolioGallery" class="venobox preview-link" title="Card 2"><i class="bx bx-
plus"></i></a>
               <a href="#pricing" class="details-link" title="More Details"><i</pre>
class="bx bx-link"></i></a>
             </div>
          </div>
```

```
<div class="col-lg-4 col-md-6 portfolio-item filter-d">
            <img src="assets/img/portfolio/portfolio-5.jpg" class="img-fluid" alt="">
            <div class="portfolio-info">
               \langle h4 \rangleDeluxe Room 2 \langle /h4 \rangle
               <a href="assets/img/portfolio/portfolio-5.jpg" data-</pre>
gall="portfolioGallery" class="venobox preview-link" title="Web 2"><i class="bx bx-
plus"></i></a>
              <a href="#pricing" class="details-link" title="More Details"><i</pre>
class="bx bx-link"></i></a>
            </div>
          </div>
          <div class="col-lg-4 col-md-6 portfolio-item filter-s">
            <img src="assets/img/portfolio/portfolio-4.jpg" class="img-fluid" alt="">
            <div class="portfolio-info">
               <h4>Super Deluxe Room 2</h4>
               <a href="assets/img/portfolio/portfolio-4.jpg" data-</pre>
gall="portfolioGallery" class="venobox preview-link" title="App 3"><i class="bx bx-
plus"></i></a>
               <a href="#pricing" class="details-link" title="More Details"><i</pre>
class="bx bx-link"></i></a>
            </div>
          </div>
          <div class="col-lg-4 col-md-6 portfolio-item filter-m">
            <img src="assets/img/portfolio/portfolio-7.jpg" class="img-fluid" alt="">
            <div class="portfolio-info">
               <h4>Maharaja 2</h4>
               <a href="assets/img/portfolio/portfolio-7.jpg" data-</pre>
gall="portfolioGallery" class="venobox preview-link" title="Card 1"><i class="bx bx-
plus"></i></a>
               <a href="#pricing" class="details-link" title="More Details"><i</pre>
class="bx bx-link"></i></a>
            </div>
          \langle div \rangle
          <div class="col-lg-4 col-md-6 portfolio-item filter-c">
            <img src="assets/img/portfolio/portfolio-8.jpg" class="img-fluid" alt="">
            <div class="portfolio-info">
               <h4>Classic Room 2</h4>
```

```
<a href="assets/img/portfolio/portfolio-8.jpg" data-</pre>
gall="portfolioGallery" class="venobox preview-link" title="Card 3"><i class="bx bx-
plus"></i></a>
               <a href="#pricing" class="details-link" title="More Details"><i</pre>
class="bx bx-link"></i></a>
            \langle div \rangle
          </div>
          <div class="col-lg-4 col-md-6 portfolio-item filter-m">
             <img src="assets/img/portfolio/portfolio-12.jpg" class="img-fluid" alt="">
            <div class="portfolio-info">
               <h4>Maharaja 3</h4>
               <a href="assets/img/portfolio/portfolio-12.jpg" data-</pre>
gall="portfolioGallery" class="venobox preview-link" title="Web 3"><i class="bx bx-
plus"></i></a>
               <a href="#pricing" class="details-link" title="More Details"><i</pre>
class="bx bx-link"></i></a>
            </div>
          </div>
          <div class="col-lg-4 col-md-6 portfolio-item filter-d">
             <img src="assets/img/portfolio/portfolio-10.jpg" class="img-fluid" alt="">
             <div class="portfolio-info">
               <h4>Deluxe Room 3</h4>
               <a href="assets/img/portfolio/portfolio-10.jpg" data-</pre>
gall="portfolioGallery" class="venobox preview-link" title="App 1"><i class="bx bx-
plus"></i></a>
               <a href="" class="details-link" title="More Details"><i class="bx bx-</pre>
link"></i></a>
            \langle div \rangle
          \langle div \rangle
          <div class="col-lg-4 col-md-6 portfolio-item filter-c">
             <img src="assets/img/portfolio/portfolio-9.jpg" class="img-fluid" alt="">
            <div class="portfolio-info">
               <h4>Classic Room 3</h4>
               <a href="assets/img/portfolio/portfolio-9.jpg" data-</pre>
gall="portfolioGallery" class="venobox preview-link" title="App 1"><i class="bx bx-
plus"></i></a>
               <a href="#pricing" class="details-link" title="More Details"><i</pre>
class="bx bx-link"></i></a>
            </div>
          </div>
```

```
<div class="col-lg-4 col-md-6 portfolio-item filter-s">
            <img src="assets/img/portfolio/portfolio-11.jpg" class="img-fluid" alt="">
            <div class="portfolio-info">
               <h4>Super Deluxe Room 3</h4>
               <a href="assets/img/portfolio/portfolio-11.jpg" data-</pre>
gall="portfolioGallery" class="venobox preview-link" title="App 1"><i class="bx bx-
plus"></i></a>
              <a href="#pricing" class="details-link" title="More Details"><i</pre>
class="bx bx-link"></i></a>
            </div>
          </div>
          <div class="col-lg-4 col-md-6 portfolio-item filter-a">
            <img src="assets/img/portfolio/portfolio-13.jpg" class="img-fluid" alt="">
            <div class="portfolio-info">
               <h4>Swimming Pool</h4>
               <a href="assets/img/portfolio/portfolio-13.jpg" data-</pre>
gall="portfolioGallery" class="venobox preview-link" title="App 1"><i class="bx bx-
plus"></i></a>
               <a href="#pricing" class="details-link" title="More Details"><i</pre>
class="bx bx-link"></i></a>
            </div>
          </div>
          <div class="col-lg-4 col-md-6 portfolio-item filter-a">
            <img src="assets/img/portfolio/portfolio-14.jpg" class="img-fluid" alt="">
            <div class="portfolio-info">
               <h4>Candle Light Dinner</h4>
               <a href="assets/img/portfolio/portfolio-14.jpg" data-</pre>
gall="portfolioGallery" class="venobox preview-link" title="App 1"><i class="bx bx-
plus"></i></a>
               <a href="#pricing" class="details-link" title="More Details"><i</pre>
class="bx bx-link"></i></a>
            </div>
          \langle div \rangle
          <div class="col-lg-4 col-md-6 portfolio-item filter-a">
            <img src="assets/img/portfolio/portfolio-15.jpg" class="img-fluid" alt="">
            <div class="portfolio-info">
               \langle h4 \rangle Reception \langle /h4 \rangle
```

```
<a href="assets/img/portfolio/portfolio-15.jpg" data-</pre>
gall="portfolioGallery" class="venobox preview-link" title="App 1"><i class="bx bx-
plus"></i></a>
               <a href="#pricing" class="details-link" title="More Details"><i</pre>
class="bx bx-link"></i></a>
            \langle div \rangle
          </div>
        </div>
      \langle div \rangle
    </section><!-- End Portfolio Section -->
    <!-- ===== Pricing Section ===== -->
    <section id="pricing" class="pricing">
      <div class="container">
        <div class="section-title">
          <h2>Booking</h2>
          <a href="https://www.nob.if"></a> the above images have drawn you attention and you cannot stay still
at your home, then please help yourself book a room for you. We will be glad to
welcome your presence. Surprises will be awaiting for you if you are booking the
Maharaja Kaksha!</h6>
        </div>
        <center><button type="button" class="btn btn-success" target=" blank"</pre>
onclick="window.location.href = 'https://mainakrepositor.github.io/Bookings/'">Room
Booking Form</button></center>
    </section><!-- End Pricing Section -->
    <!-- ===== Fag Section ====== -->
    <section id="fag" class="fag">
      <div class="container-fluid">
        <div class="row">
          <div class="col-lg-7 d-flex flex-column justify-content-center align-items-</pre>
stretch order-2 order-1g-1">
             <div class="content">
               <h3>Frequently Asked <strong>Questions</strong></h3>
               >
```

Do you have a doubt in mind? Feel free to go through the standard FAQs for the process. As per survey, 95% doubts have been cleared from the FAQs.

Depends on availability. Although we are increasing the number of rooms but a huge traffic can be cause unavailability of booking. In that case you may to book 1 month in advance. Although, latest booking is possible 1 hour before check—in or phyical checkin.

</div>

<1i>>

You may carry pets. But you have to be responsible for it. An additional fee of Rs. 2000 will be charged. Any damages cause to resort/restaurant properties will have to be recovered by the guest.

</div>

 $\langle 1i \rangle$

<a data-toggle="collapse" href="#accordion-list-3"</pre>

class="collapsed">How shall I book a banquet hall? <i class="bx bx-chevron-down icon-show"></i><ii>class="bx bx-chevron-up icon-close"></i></i>

> p> Follow the link below: You may click here to do the same

```
\langle p \rangle
                    </div>
                  \langle /1i \rangle
                  \langle 1i \rangle
                    <a data-toggle="collapse" href="#accordion-list-4"</pre>
class="collapsed">If I book resort, should I also need to book restaurant separately?
<i class="bx bx-chevron-down icon-show"></i><i class="bx bx-chevron-up icon-</pre>
close"></i></a>
                    <div id="accordion-list-4" class="collapse" data-parent=".accordion-</pre>
list">
                       >
                         You do not need to do that. Being a guest at the resort/hotel
will automatically allow you to order food through the RestAPI web app, or you may
also walk in to the restaurant.
                       \langle g \rangle
                    </div>
                  <1i>>
                    <a data-toggle="collapse" href="#accordion-list-5"</pre>
class="collapsed">Can I book travel agents independently? <i class="bx bx-chevron-down"
icon-show"></i><i class="bx bx-chevron-up icon-close"></i></a>
                    <div id="accordion-list-5" class="collapse" data-parent=".accordion-</pre>
list">
                       >
                         Yes you may do that. We too can help you through our contacts
and searches. </a>
                      \langle g \rangle
                    </div>
                  \langle /1i \rangle
                \langle u1 \rangle
             \langle div \rangle
           </div>
           <div class="col-lg-5 align-items-stretch order-1 order-lg-2 img"</pre>
style='background-image: url("assets/img/faq.jpg");'> </div>
         \langle div \rangle
      </div>
    </section><!-- End Faq Section -->
    <!-- ===== Contact Section ====== -->
    <section id="contact" class="contact">
```

```
<div class="container">
        <div class="section-title">
           <h2>Contact</h2>
           The best way to get going is to get connected. Contact us, walk in or
call us using the contact info given below. 
        </div>
      </div>
      <div>
        <iframe
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d3264.286747476732!2d88.4294
9377632736!3d22.57805331158572!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x3a0
275b020703c0d%3A0xece6f8e0fc2e1613!2sSector%20V%2C%20Bidhannagar%2C%20Ko1kata%2C%20Wes
t%20Bengal!5e0!3m2!1sen!2sin!4v1615790558806!5m2!1sen!2sin" width="1800" height="450"
style="border:0;" allowfullscreen="" loading="lazy"></iframe>
      </div>
      <div class="container">
        <div class="row mt-5">
           <div class="col-lg-4">
             <div class="info">
               <div class="address">
                 <i class="ri-map-pin-line"></i></i></or>
                 <h4>Location:</h4>
                 \(\mathref{p}\)121 VIP road, Saltlake, Sector-V, Kolkata - 700005\(\langle\)p\(\text{\text{}}\)
               </div>
               <div class="email">
                 <i class="ri-mail-line"></i></i></or>
                 <h4>Email:</h4>
                 p>paradiseenterprise@yahoo.com
               </div>
               <div class="phone">
                 <i class="ri-phone-line"></i></i></or>
                 <h4>Call:</h4>
                 \langle p \rangle + 91 7980154056 \langle /p \rangle
               </div>
             </div>
           </div>
```

```
<form action="https://formspree.io/f/mzbknkwk" method="post" role="form"</pre>
class="php-email-form">
               <div class="form-row">
                 <div class="col-md-6 form-group">
                   <input type="text" name="name" class="form-control" id="name"</pre>
placeholder="Your Name" data-rule="minlen:4" data-msg="Please enter at least 4 chars"
/>
                   <div class="validate"></div>
                 \langle div \rangle
                 <div class="col-md-6 form-group">
                   <input type="email" class="form-control" name="email" id="email"</pre>
placeholder="Your Email" data-rule="email" data-msg="Please enter a valid email" />
                   <div class="validate"></div>
                 </div>
               </div>
               <div class="form-group">
                 <input type="text" class="form-control" name="subject" id="subject"</pre>
placeholder="Subject" data-rule="minlen:4" data-msg="Please enter at least 8 chars of
subject" />
                 <div class="validate"></div>
               \langle div \rangle
               <div class="form-group">
                 <textarea class="form-control" name="message" rows="5" data-</pre>
rule="required" data-msg="Please write something for us"
placeholder="Message"></textarea>
                 <div class="validate"></div>
               </div>
               <div class="mb-3">
                 <div class="loading">Loading</div>
                 <div class="error-message"></div>
                 <div class="sent-message">Your message has been sent. Thank you!</div>
               <div class="text-center"><button type="submit">Send
Message </button></div>
            </form>
          </div>
        </div>
      </div>
    </section><!-- End Contact Section -->
  </main><!-- End #main -->
```

<div class="col-lg-8 mt-5 mt-lg-0">

```
<!-- ===== Footer ===== -->
  <footer id="footer">
    <div class="container">
      <a href="https://haradise-enterprise-Resorting-and-Hospitality</ha>
      <div class="social-links">
        <a href="#" class="twitter"><i class="bx bxl-twitter"></i></a>
        <a href="#" class="facebook"></i></i></a>
        <a href="#" class="instagram"><i class="bx bxl-instagram"></i></a>
        <a href="#" class="google-plus"><i class="bx bxl-skype"></i></a>
        <a href="#" class="linkedin"></i class="bx bxl-linkedin"></i></a>
      </div>
      <div class="copyright">
        © Copyright <strong><span>Paradise Enterprise</span></strong>. All Rights
Reserved
      </div>
      <div class="credits">
        Designed by <a href="https://www.linkedin.com/in/mainak-chaudhuri-
127898176/">Mainak Chaudhuri</a> and <a
href="https://www.linkedin.com/in/as8096/">Akshunn Sharma</a>
      </div>
    </div>
  </footer><!-- End Footer -->
  <div id="preloader"><center><img src="assets\img\Logo.png" width="200px"</pre>
height="100px">Entering the lounge...</center></div>
  <a href="#" class="back-to-top"><i class="ri-arrow-up-line"></i></a>
  <!-- Vendor JS Files -->
  <script src="assets/vendor/jquery/jquery.min.js"></script>
  <script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
  <script src="assets/vendor/jquery.easing/jquery.easing.min.js"></script>
  <script src="assets/vendor/php-email-form/validate.js"></script>
  <script src="assets/vendor/waypoints/jquery.waypoints.min.js"></script>
  <script src="assets/vendor/counterup/counterup.min.js"></script>
  <script src="assets/vendor/isotope-layout/isotope.pkgd.min.js"></script>
  <script src="assets/vendor/venobox/venobox.min.js"></script>
  <script src="assets/vendor/owl.carousel/owl.carousel.min.js"></script>
  <!-- Template Main JS File -->
  <script src="assets/js/main.js"></script>
</body>
```

LANDING PAGE UI/UX DESIGN PARADISE ENTERPRISE Welcome To **Paradise Restaurants** Paradise Restaurant **Paradise Resorts Paradise Enterprise Resorts About Us** Get in touch GET IN TOUCH Email Message

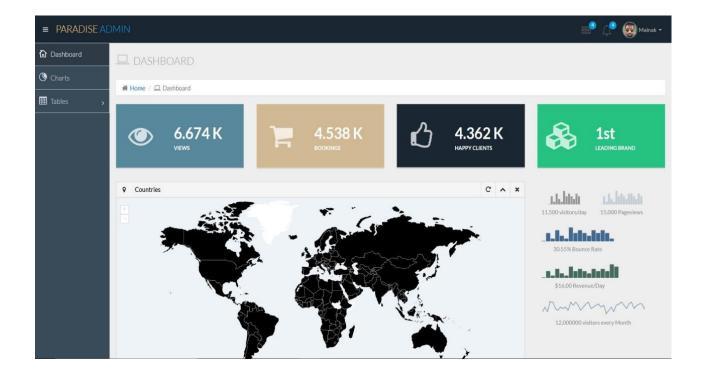
CODE

```
!DOCTYPE HTML>
       <title>Paradise Enterprise</title>
       <meta charset="utf-8" />
       <meta name="viewport" content="width=device-width, initial-scale=1, user-scalable=no" />
       <link rel="stylesheet" href="assets/css/main.css" />
       <noscript><link rel="stylesheet" href="assets/css/noscript.css" /></noscript>
    <body class="is-preload">
           <section id="sidebar">
               <div class="inner">
                          <a href="#intro">Welcome</a>
                          <a href="#one">Who we are</a>
                          <a href="#two">About Us</a>
                          <a href="#three">Get in touch</a>
       <!-- Wrapper -->
           <div id="wrapper">
                   <section id="intro" class="wrapper style1 fullscreen fade-up">
                       <div class="inner">
                          <h1>PARADISE ENTERPRISE</h1>
                           A complete tourism, fooding and resorting website created by <a href="https://www.linke">https://www.linke
din.com/in/mainak-chaudhuri-127898176/">Mainak Chaudhuri</a><br />
                          <a href="#one" class="button scrolly">Learn more</a>
                   <section id="one" class="wrapper style2 spotlights">
                          <a href="#" class="image"><img src="images/pic01.jpg" alt="" data-</pre>
position="center center" /></a>
                          <div class="content">
                               <div class="inner">
                                  <h2>Paradise Restaurants</h2>
                                  Welcome to Paradise restaurant chain. Get greedy with the best quisines here. T
ake away tastes to remember.
                                  <a href="https://mainakrepositor.github.io/ArkaFoodVillage/" target="_blan</pre>
k" class="button">Visit Us</a>
```

```
<a href="#" class="image"><img src="images/pic02.jpg" alt="" data-</pre>
position="top center" /></a>
                           <div class="content">
                               <div class="inner">
                                   <h2>Paradise Resorts</h2>
                                   Welcome to Paradise Resorts. Enjoy you stay with us and keep coming again and a
gain.
                                   <a href="https://mainakrepositor.github.io/Paradise/" target=" blank" clas</pre>
s="button">Visit Us</a>
                                   <h2>Ultricies aliquam</h2>
                                   Phasellus convallis elit id ullamcorper pulvinar. Duis aliquam turpis mauris, e
                                   <section id="two" class="wrapper style3 fade-up">
                       <div class="inner">
                           <h2>About Us</h2>
                           Paradise Enterprise is one of the top-
class and most unique startup ideas which aims at solving your problem with haphazard searching for an exciting weeken
d chillout. At paradise, you are provided with cozy hotels, lavish restaurants and an unforgettable experience of trav
elling, if you are a travelling nerd. We work with India's top resorting and caterring organization to provide you the
best, in a price that you can afford. The entire website and innitiatives is the product of extreme hardwork and skil
lful showcase of quality, resting completely on the shoulders of it's sole creator, Mainak Chaudhuri, CEO and owner of
 Paradise Enterprise.
               <!-- Three -->
                   <section id="three" class="wrapper style1 fade-up">
                       <div class="inner">
                           <h2>Get in touch</h2>
                           Want of visit us or know more about us? Just drop a note for us and we will get back to
 you sooner than you can expect.
                           <div class="split style1">
                                   <form method="post" action="#">
                                       <div class="fields">
                                           <div class="field half">
                                               <label for="name">Name</label>
                                               <input type="text" name="name" id="name" />
                                           <div class="field half">
                                              <label for="email">Email</label>
                                               <input type="text" name="email" id="email" />
```

```
<div class="field">
                                            <label for="message">Message</label>
                                            <textarea name="message" id="message" rows="5"></textarea>
                                    <a href="" class="button submit">Send Message</a>
                                 </form>
                                 <h3>Address</h3>
                                        <span>12345 Somewhere Road #654<br />
                                        Nashville, TN 00000-0000\langle br / \rangle
                                        USA</span>
                                        <h3>Email</h3>
                                        <a href="#">user@untitled.tld</a>
                                        <h3>Phone</h3>
                                        <span>(000) 000-0000</span>
                                        <h3>Social</h3>
                                        <a href="#" class="icon brands fa-
twitter"><span class="label">Twitter</span></a>
                                            <a href="#" class="icon brands fa-facebook-</li>
f"><span class="label">Facebook</span></a>
                                            <a href="#" class="icon brands fa-
github"><span class="label">GitHub</span></a>
                                            <a href="#" class="icon brands fa-
instagram"><span class="label">Instagram</span></a>
                                            <a href="#" class="icon brands fa-linkedin-</a>
in"><span class="label">LinkedIn</span></a>
           <footer id="footer" class="wrapper style1-alt">
              <div class="inner">
                  © Mainak Software Solution. All rights reserved.Li>Design: <a href="mainakfolio"></a>
github.io">Mainak</a>
          <script src="assets/js/jquery.min.js"></script>
          <script src="assets/js/jquery.scrollex.min.js"></script>
          <script src="assets/js/jquery.scrolly.min.js"></script>
           <script src="assets/js/browser.min.js"></script>
           <script src="assets/js/breakpoints.min.js"></script>
```

ADMIN PAGE UI / UX LAYOUT





CODE

```
!DOCTYPE html>
<html lang="en">
 <meta charset="utf-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <meta name="description" content="Administration Page for Resort and Restaurant Management">
 <meta name="author" content="Mainak Chaudhuri">
 <meta name="keyword" content="Creative, Dashboard, Admin, Template, Theme, Bootstrap, Responsive, Retina, Minimal">
 <link rel="shortcut icon" href="img/favicon.png">
 <title>Paradise Enterprise Admin Page</title>
 <!-- Bootstrap CSS -->
 <link href="css/bootstrap.min.css" rel="stylesheet">
 <!-- bootstrap theme -->
 <link href="css/bootstrap-theme.css" rel="stylesheet">
 <link href="css/elegant-icons-style.css" rel="stylesheet" />
 <link href="css/font-awesome.min.css" rel="stylesheet" />
 <link href="assets/fullcalendar/fullcalendar/bootstrap-fullcalendar.css" rel="stylesheet" />
 <link href="assets/fullcalendar/fullcalendar/fullcalendar.css" rel="stylesheet" />
 <link href="assets/jquery-easy-pie-chart/jquery.easy-pie-</pre>
chart.css" rel="stylesheet" type="text/css" media="screen" />
 <!-- owl carousel -->
 <link rel="stylesheet" href="css/owl.carousel.css" type="text/css">
 <link href="css/jquery-jvectormap-1.2.2.css" rel="stylesheet">
 <link rel="stylesheet" href="css/fullcalendar.css">
 <link href="css/widgets.css" rel="stylesheet">
 <link href="css/style.css" rel="stylesheet">
 <link href="css/style-responsive.css" rel="stylesheet" />
 <link href="css/xcharts.min.css" rel=" stylesheet">
```

```
<link href="css/jquery-ui-1.10.4.min.css" rel="stylesheet">
 <section id="container" class="">
   <header class="header dark-bg">
     <div class="toggle-nav">
       <div class="icon-reorder tooltips" data-original-title="Toggle Navigation" data-</pre>
placement="bottom"><i class="icon menu"></i></div>
     <a href="index.html" class="logo">Paradise <span class="lite">Admin</span></a>
     <!--logo end-->
     <div class="top-nav notification-row">
       <!-- notificatoin dropdown start-->
       <!-- task notificatoin start -->
         <a data-toggle="dropdown" class="dropdown-toggle" href="#">
                          <i class="icon-task-l"></i>
                          <span class="badge bg-important">4</span>
           <div class="notify-arrow notify-arrow-blue"></div>
              <a href="#">
                <div class="task-info">
                  <div class="desc">Maintainance Status </div>
                  <div class="percent">90%</div>
                <div class="progress progress-striped">
                  <div class="progress-bar progress-bar-success" role="progressbar" aria-valuenow="90" aria-</pre>
valuemin="0" aria-valuemax="100" style="width: 90%">
                    <span class="sr-only">90% Complete (success)</span>
              <a href="#">
                <div class="task-info">
                  <div class="desc">Generator Status</div>
                  <div class="percent">40%</div>
                 <div class="progress progress-striped">
                  <div class="progress-bar progress-bar-warning" role="progressbar" aria-valuenow="40" aria-</pre>
valuemin="0" aria-valuemax="100" style="width: 40%">
                    <span class="sr-only">40% Complete (success)</span>
              <a href="#">
                <div class="task-info">
                  <div class="desc">Inventory Stocks</div>
                  <div class="percent">30%</div>
```

```
<div class="progress progress-striped">
                  <div class="progress-bar progress-bar-danger" role="progressbar" aria-valuenow="30" aria-</pre>
valuemin="0" aria-valuemax="100" style="width: 30%">
                    <span class="sr-only">30% Complete (danger)</span>
              <a href="#">
                <div class="task-info">
                  <div class="desc">Occupancy</div>
                  <div class="percent">50%</div>
                <div class="progress progress-striped active">
                  <div class="progress-bar" role="progressbar" aria-valuenow="50" aria-valuemin="0" aria-</pre>
valuemax="100" style="width: 50%">
                    <span class="sr-only">50% Complete</span>
         <!-- task notificatoin end -->
         <a data-toggle="dropdown" class="dropdown-toggle" href="#">
                          <i class="icon-bell-1"></i></i>
                          <span class="badge bg-important">4</span>
           <div class="notify-arrow notify-arrow-blue"></div>
              You have 4 new notifications
              <a href="#">
                                 <span class="label label-primary"><i class="icon_profile"></i></span>
                                 Friend Request
                                 <span class="small italic pull-right">5 mins</span>
              <a href="#">
                                 <span class="label label-warning"><i class="icon_pin"></i></span>
                                 John location.
                                 <span class="small italic pull-right">50 mins</span>
              <a href="#">
                                 <span class="label label-danger"><i class="icon_book_alt"></i></span>
                                 Project 3 Completed.
                                 <span class="small italic pull-right">1 hr</span>
              <a href="#">
                                 <span class="label label-success"><i class="icon_like"></i></span>
```

```
Mick appreciated your work.
                             <span class="small italic pull-right"> Today</span>
          <a href="#">See all notifications</a>
     <!-- alert notification end-->
     <!-- user login dropdown start-->
     <a data-toggle="dropdown" class="dropdown-toggle" href="#">
                         <img alt="" src="img/avatar1_small.jpg">
                     <span class="username">Mainak</span>
                     <br/>
<br/>
class="caret"></b>
       <div class="log-arrow-up"></div>
        <a href="#"><i class="icon_profile"></i> My Profile</a>
          <a href="#"><i class="icon_mail_alt"></i> My Inbox</a>
          <a href="#"><i class="icon_clock_alt"></i> Timeline</a>
          <a href="#"><i class="icon_chat_alt"></i> Chats</a>
          <a href="login.html"><i class="icon_key_alt"></i> Log Out</a>
          <a href="documentation.html"><i class="icon_key_alt"></i> Documentation</a>
          <a href="documentation.html"><i class="icon_key_alt"></i> Documentation</a>
   <!-- notificatoin dropdown end-->
<!--sidebar start-->
 <div id="sidebar" class="nav-collapse ">
   <!-- sidebar menu start-->
   <a class="" href="index.html">
                   <i class="icon_house_alt"></i></i>
                   <span>Dashboard</span>
```

```
<a class="" href="chart-chartjs.html">
                    <i class="icon_piechart"></i></i>
                    <span>Charts</span>
     class="sub-menu">
       <a href="javascript:;" class="">
                    <i class="icon_table"></i></i>
                    <span>Tables</span>
                     <span class="menu-arrow arrow_carrot-right"></span>
       <a class="" href="basic_table.html">Basic Table</a>
<!--main content start-->
<section id="main-content">
  <section class="wrapper">
   <div class="row">
     <div class="col-lg-12">
       <h3 class="page-header"><i class="fa fa-laptop"></i> Dashboard</h3>
       <i class="fa fa-home"></i><a href="index.html">Home</a>
         <i class="fa fa-laptop"></i>Dashboard</or>
   <div class="row">
     <div class="col-lg-3 col-md-3 col-sm-12 col-xs-12">
       <div class="info-box blue-bg">
        <i class="fa fa-eye"></i></i>
        <div class="count">6.674 K</div>
         <div class="title">Views</div>
     <div class="col-lg-3 col-md-3 col-sm-12 col-xs-12">
       <div class="info-box brown-bg">
        <i class="fa fa-shopping-cart"></i></i>
         <div class="count">4.538 K</div>
         <div class="title">Bookings</div>
```

```
<div class="col-lg-3 col-md-3 col-sm-12 col-xs-12">
    <div class="info-box green-bg">
      <i class="fa fa-cubes"></i></i>
      <div class="count">1st</div>
      <div class="title">Leading brand</div>
    <!--/.info-box-->
<div class="row">
  <div class="col-lg-9 col-md-12">
    <div class="panel panel-default">
      <div class="panel-heading">
         <h2><i class="fa fa-map-marker red"></i><strong>Countries</strong></h2>
         <div class="panel-actions">
          <a href="index.html#" class="btn-setting"><i class="fa fa-rotate-right"></i></a>
          <a href="index.html#" class="btn-minimize"><i class="fa fa-chevron-up"></i></i></a>
           <a href="index.html#" class="btn-close"><i class="fa fa-times"></i></a>
       <div class="panel-body-map">
         <div id="map" style="height:380px;"></div>
   <div class="col-md-3">
     <!-- List starts -->
     <!-- Graph -->
        <div><span id="todayspark1" class="spark"></span></div>
         <div class="datas-text">11,500 visitors/day</div>
         <div><span id="todayspark2" class="spark"></span></div>
         <div class="datas-text">15,000 Pageviews</div>
         <div><span id="todayspark3" class="spark"></span></div>
         <div class="datas-text">30.55% Bounce Rate</div>
         <div><span id="todayspark4" class="spark"></span></div>
         <div class="datas-text">$16,00 Revenue/Day</div>
         <div><span id="todayspark5" class="spark"></span></div>
         <div class="datas-text">12,000000 visitors every Month</div>
 <div class="row">
  <div class="col-lg-9 col-md-12">
     <div class="panel panel-default">
```

```
<div class="panel-heading">
              <h2><i class="fa fa-flag-o red"></i><strong>Registered Users</strong></h2>
              <div class="panel-actions">
                <a href="index.html#" class="btn-setting"><i class="fa fa-rotate-right"></i></a>
                <a href="index.html#" class="btn-minimize"><i class="fa fa-chevron-up"></i></a>
                <a href="index.html#" class="btn-close"><i class="fa fa-times"></i></a>
            <div class="panel-body">
              Country
                   Users
                   Online
                   Performance
                   <img src="img/Germany.png" style="height:18px; margin-top:-2px;">
                   Germany
                   2563
                   1025
                     <div class="progress thin">
                       <div class="progress-bar progress-bar-danger" role="progressbar" aria-valuenow="73" aria-</pre>
valuemin="0" aria-valuemax="100" style="width: 73%">
                       <div class="progress-bar progress-bar-warning" role="progressbar" aria-valuenow="27" aria-</pre>
valuemin="0" aria-valuemax="100" style="width: 27%">
                     <span class="sr-only">73%</span>
                   <img src="img/India.png" style="height:18px; margin-top:-2px;">
                   India
                   3652
                   2563
                     <div class="progress thin">
                       <div class="progress-bar progress-bar-danger" role="progressbar" aria-valuenow="57" aria-</pre>
valuemin="0" aria-valuemax="100" style="width: 57%">
                       <div class="progress-bar progress-bar-warning" role="progressbar" aria-valuenow="43" aria-</pre>
valuemin="0" aria-valuemax="100" style="width: 43%">
                     <span class="sr-only">57%</span>
                   <img src="img/Spain.png" style="height:18px; margin-top:-2px;">
                   Spain
                   562
                   452
                     <div class="progress thin">
```

```
<div class="progress-bar progress-bar-danger" role="progressbar" aria-valuenow="93" aria-</pre>
valuemin="0" aria-valuemax="100" style="width: 93%">
                         <div class="progress-bar progress-bar-warning" role="progressbar" aria-valuenow="7" aria-</pre>
valuemin="0" aria-valuemax="100" style="width: 7%">
                       <span class="sr-only">93%</span>
                     <img src="img/India.png" style="height:18px; margin-top:-2px;">
                     1258
                     958
                       <div class="progress thin">
                         <div class="progress-bar progress-bar-danger" role="progressbar" aria-valuenow="20" aria-</pre>
valuemin="0" aria-valuemax="100" style="width: 20%">
                         <div class="progress-bar progress-bar-warning" role="progressbar" aria-valuenow="80" aria-</pre>
valuemin="0" aria-valuemax="100" style="width: 80%">
                       <span class="sr-only">20%</span>
                     <img src="img/Spain.png" style="height:18px; margin-top:-2px;">
                     USA
                     4856
                     3621
                       <div class="progress thin">
                         <div class="progress-bar progress-bar-danger" role="progressbar" aria-valuenow="20" aria-</pre>
valuemin="0" aria-valuemax="100" style="width: 20%">
                         <div class="progress-bar progress-bar-warning" role="progressbar" aria-valuenow="80" aria-</pre>
valuemin="0" aria-valuemax="100" style="width: 80%">
                       <span class="sr-only">20%</span>
                     <img src="img/Germany.png" style="height:18px; margin-top:-2px;">
                     Brazil
                     265
                     102
                       <div class="progress thin">
                         <div class="progress-bar progress-bar-danger" role="progressbar" aria-valuenow="20" aria-</pre>
valuemin="0" aria-valuemax="100" style="width: 20%">
                         <div class="progress-bar progress-bar-warning" role="progressbar" aria-valuenow="80" aria-</pre>
valuemin="0" aria-valuemax="100" style="width: 80%">
                       <span class="sr-only">20%</span>
```

```
<img src="img/Germany.png" style="height:18px; margin-top:-2px;">
                     Coloumbia
                     265
                     102
                       <div class="progress thin">
                         <div class="progress-bar progress-bar-danger" role="progressbar" aria-valuenow="20" aria-</pre>
valuemin="0" aria-valuemax="100" style="width: 20%">
                        <div class="progress-bar progress-bar-warning" role="progressbar" aria-valuenow="80" aria-</pre>
valuemin="0" aria-valuemax="100" style="width: 80%">
                      <span class="sr-only">20%</span>
                     <img src="img/Germany.png" style="height:18px; margin-top:-2px;">
                     France
                    265
                    102
                       <div class="progress thin">
                         <div class="progress-bar progress-bar-danger" role="progressbar" aria-valuenow="20" aria-</pre>
valuemin="0" aria-valuemax="100" style="width: 20%">
                         <div class="progress-bar progress-bar-warning" role="progressbar" aria-valuenow="80" aria-</pre>
valuemin="0" aria-valuemax="100" style="width: 80%">
                       <span class="sr-only">20%</span>
                 <div class="col-md-3">
           <div class="social-box facebook">
             <i class="fa fa-facebook"></i></i>
                 <strong>256k</strong>
                 <span>friends</span>
                <strong>359</strong>
                 <span>feeds</span>
           <!--/social-box-->
         <div class="col-md-3">
           <div class="social-box google-plus">
             <i class="fa fa-google-plus"></i>
                <strong>962</strong>
                 <span>followers</span>
```

```
<strong>256</strong>
               <span>circles</span>
       <div class="col-md-3">
         <div class="social-box twitter">
            <i class="fa fa-twitter"></i>
               <strong>1562k
               <span>followers</span>
               <strong>2562</strong>
               <span>tweets</span>
         <!--/social-box-->
     <!-- statics end -->
       Designed by <a href="https://mainakfolio.github.io/">Mainak Chaudhuri</a>
<script src="js/jquery.js"></script>
<script src="js/jquery-ui-1.10.4.min.js"></script>
<script src="js/jquery-1.8.3.min.js"></script>
<script type="text/javascript" src="js/jquery-ui-1.9.2.custom.min.js"></script>
<script src="js/bootstrap.min.js"></script>
<script src="js/jquery.scrollTo.min.js"></script>
<script src="js/jquery.nicescroll.js" type="text/javascript"></script>
<!-- charts scripts -->
<script src="assets/jquery-knob/js/jquery.knob.js"></script>
<script src="js/jquery.sparkline.js" type="text/javascript"></script>
<script src="assets/jquery-easy-pie-chart/jquery.easy-pie-chart.js"></script>
<script src="js/owl.carousel.js"></script>
  <script src="assets/fullcalendar/fullcalendar.js"></script>
  <!--script for this page only-->
  <script src="js/calendar-custom.js"></script>
  <script src="js/jquery.rateit.min.js"></script>
  <script src="js/jquery.customSelect.min.js"></script>
  <script src="assets/chart-master/Chart.js"></script>
```

```
<script src="js/scripts.js"></script>
<script src="js/sparkline-chart.js"></script>
<script src="js/easy-pie-chart.js"></script>
<script src="js/jquery-jvectormap-1.2.2.min.js"></script>
<script src="js/jquery-jvectormap-world-mill-en.js"></script>
<script src="js/xcharts.min.js"></script>
<script src="js/jquery.autosize.min.js"></script>
<script src="js/jquery.placeholder.min.js"></script>
<script src="js/gdp-data.js"></script>
<script src="js/charts.js"></script>
<script src="js/jquery.slimscroll.min.js"></script>
  $(function() {
   $(".knob").knob({
      'draw': function() {
       $(this.i).val(this.cv + '%')
  //carousel
  $(document).ready(function() {
   $("#owl-slider").owlCarousel({
     navigation: true,
      slideSpeed: 300,
     paginationSpeed: 400,
      singleItem: true
  $(function() {
   $('select.styled').customSelect();
  $(function() {
   $('#map').vectorMap({
     map: 'world_mill_en',
      series: {
        regions: [{
          values: gdpData,
          scale: ['#000', '#000'],
          normalizeFunction: 'polynomial'
       }]
     backgroundColor: '#eef3f7',
     onLabelShow: function(e, el, code) {
        el.html(el.html() + ' (GDP - ' + gdpData[code] + ')');
```

<u>WEEK - 9</u>

AIM: Testing of the software components, checking for industrial standards and factors across company standard test case and internal bug hunting.

S. No	Test Case	Test Objective	Test Conditions	Steps	Sample Input	Expected Output	Actual Output	Test Status
1	ID LS001	Verify	To check if	i. Enter	1Aman	Error	Name must	Successful
		username	name[0] != alphabet	name. ii. Click OK		Message	start with alphabets only!	
2	LS002	Verify email address	To check all letters are lowercase, if @ and .com are present in the field input	i. Enter the email. ii. Click OK	Bhola.co m	Error Message	Email must start with lower case!	Successful
3	LS003	Verify email address	To check all letters are lowercase, if @ and .com are present in the field input	iii. Enter the email. iv. Click OK	bhola.co m	Error Message	Email must be in standard email format. '@' error.	Successful
4	LS004	Verify email address	To check all letters are lowercase, if @ and .com are present in the field input	v. Enter the email. vi. Click OK	bhola@ bhola	Error Message	Email must end in a proper way!	Successful
5	LS005	Verify mobile number	To check if number of digits is >10 && number of digits < 10	i. Enter the mobile number ii. Click OK	9876543 2101	Error Message	Not a proper mobile number. Digits mismatch!	Successful
6	LS006	Verify Booking Date	To check if booking date >= today's date	i. Enter booking date ii. Click OK	Today: 13.04.21 Booking: 12.04.21	Error Message	Not a valid booking date!	Successful
7	LS007	Web page security check through unauthorize d surfing	Prevent random users from accessing admin page	i. Enter the url/admin ii. Wait for result	www.par adiserrb. com/ad min	Error Message	Page 404. You are not authorized here.	Successful

8		Check	Scroll the	i. Scroll the	Screen	The contents	The	Successful
	LS008	Responsive	responsive	screen and	size:	must not fit in	contents	
		Layout	screen	watch the	330 x	the device	successfull	
			element in	changes	665	width frame	y fit in the	
			page source			and cause a	screen size	
			and check if			console.log	with no	
			it fits in 337 x			error	overlap	
			660 to 321 x					
			650 screen					
			size					

Conclusion: All errors have been handled properly and the short-comings have been adjusted so as not to cause any bug while loading, using or sharing data with the above software in any form.

<u>WEEK - 10</u>

The Final Showdown (Essential Links to the working project)

Link to main website: https://mainakrepositor.github.io/Paradise-Properties/

Link to admin page : https://mainakrepositor.github.io/Admin/

Hotel customer trends: https://mainakrepositor.github.io/Admin/hotel.html
Customer Sentiment Analysis: https://github.com/MainakRepositor/Data-

<u>Analysis/blob/master/Hotel_Reviews_Sentiment_Prediction.ipynb</u>

Comparative stock analysis of partner firms: https://github.com/MainakRepositor/Data-

<u>Analysis/blob/master/Stock_Market_Analysis_and_Prediction_.ipynb</u>