

# TRAVEL AGENCY & TOUR PLANNING MANAGEMENT SYSTEM

# TRAVEL AGENCY & TOUR PLANNING MANAGEMENT SYSTEM



- **Project Proposal**

**Information Technology Project (IT2080)**

**submitted by**

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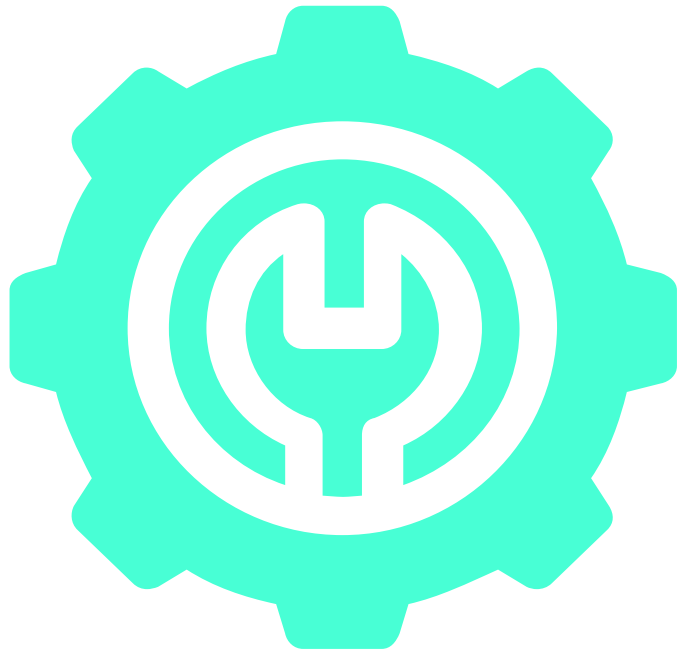
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# INTRODUCTION

- Company name – Uninvest travels.
- Located in – Matara.
- Travel Agency and tour planning Management System is the travel agency which gives all the required facilities to their customers when they are ready to plan for any tour.
- By using this System, customer can reserve tour packages.
- Customer can reserve tickets, accommodations, and ground recourse, travel insurance .



## PROBLEMS AND DIFFICULTIES, THEY FACE

- Duplicate data entries.
- Building & Maintaining of the system.
- Make Booking Procedure more Convenient.
- Providing Services as per Specific Requirements.
- Get an overall idea about monthly bookings.

# SOLUTIONS

- All the data will be recorded in database without any data redundancy
- Design User friendly interface

Develop responsiveness of the system

Engaging with various content such as discount, packages, and special budgets

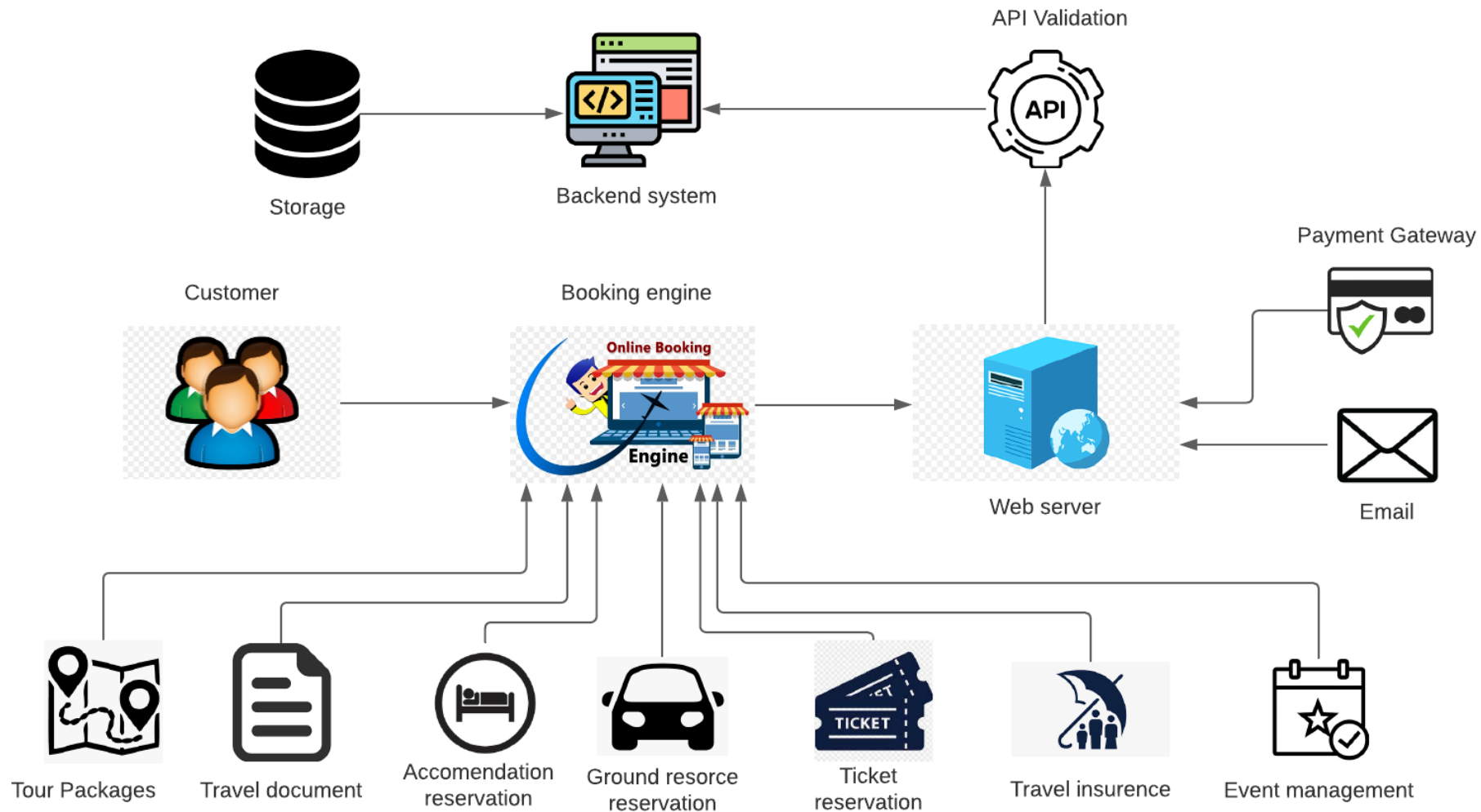
- Keep multiple options available for customers to choose one as per their convenience.
- Get customers feedback, reviews to improve the service.
- Create the system to get report of the booking for month.



## BENEFITS OF THE SYSTEM

- Customer can reserve travel related things online.
- Time Saving.
- User Friendliness.
- Reduction of errors and delays.
- Increased efficiency.
- Smarter decisions and strategies.

# PROJECT OVERVIEW

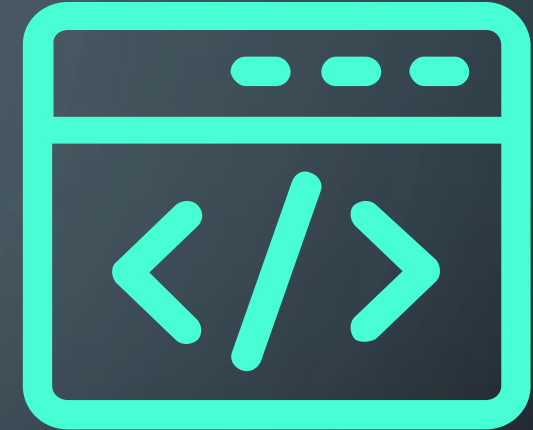




# SYSTEM FUNCTIONS

## User Management

- User can register to the system
- User can login to the system
- System can display the login details
- Admin can update the user profiles and check the user profiles



## Accommodation reservation management

- Display (hotel rooms, home stays, resorts, motels) accommodations details
- Customer can book accommodations and do money transaction through online payment methods.
- Administrator can add new accommodations, update details and remove accommodations from the system.
- Generate the report who have booked accommodations and daily basis.

## Reservation of Ticket Management

- Display (Bus, Railway, Airline, Event) ticket details.
- Customer can book ticket online and do money transaction through online payment methods.
- Administrator can add new tickets, update, and delete tickets.
- Generate the report who have booked tickets on daily basis.



## Reservation of ground Management

- Display reservation item details to Customer.
- Customer can book Car, Taxi or a guide and remove their booking.
- If the customer makes a reservation, the system saves the customer information to the database.
- Send confirmation message to customer

### **Travel document and travel information management**

- Display travel information details in frontend.
- Customer can send their travel document for travel.
- Travel information management admin can add, update, delete travel information.
- Visa applicant can check travel documents and if there were any missed document, he / she can inform the customer.
- Visa applicant can update, delete travel document.
- Visa applicant can get report of visa applied customers details.

### **Tour Packaging management**

- Display Tour packages details in frontend.
- Customer can reserve tour package , see reserved package details & request for cancel the reservation.
- Tour Packages management admin can add , update , delete packages from admin panel.
- Tour Packages management admin can get report of total reservations and incomes.

## Travel Insurance management

- Display Travel Insurance types details.
- The customer can reserve an Insurance type, view the reserved insurance type and remove the reserved insurance type.
- Travel Insurance Administrator can add, edit and delete insurance types to the system.
- The Travel Insurance Administrator can get report from the list of customers who have reserved insurance.

## Event management

- Display Event types details for customer.
- Customer can reserve an event or make an enquire for an event.
- Customer can request for cancel the event.
- Event management admin can add, update, delete events
- Event management admin can get about reserve events details.

# TOOLS & TECHNOLOGIES

## Software

- Visual Studio Code
- Postman

## Frontend

- React Js

## Database

- MongoDB

## Backend

- Node Js

## Web server

- Express



# WORK DISTRIBUTION

## User Management

**IT20142964 - Dulakshi Hansini R.M**

- Create, update, delete and view user profiles.
- Generate and display the user details.
- When the unauthorized user access to the admin login page, system will not give the permission to access.

## Accommodation reservation management

**IT20204648 - Nethu Nipuna M**

- Accommodations can be booked and canceled.
- Create, delete, update, view accommodations.
- Calculate payment details.
- Generate report about daily basis.

### Reservation of Ticket Management

**IT20046552 - Abeywardhanage S.R. D**

- Ticket can be booked and canceled.
- Create, delete, update, view (Bus, Railway, Airline, Event) tickets.
- Calculate Ticket Payment Details.
- Generate report about daily basis of Tickets.

### Reservation of ground Management

**IT20186906 - Tharuka Gayashan F**

- Insert, update, view, and delete reservation item details.
- Making and removing a reservation.
- Generate customer report.
- Calculation of reservation payments.



## Travel document and travel information management

**IT20172350 – M.P.O.M Gomes**

- Add Travel documents to the system.
- Update, view, delete travel documents.
- Create and view Travel destination information.
- Update, delete travel destination information.
- Generate report of visa applied customer details.

## Tour Packaging management

**IT20255510 - Y. N Jayasekara**

- Create and view tour reservation.
- Form submission to cancelation request.
- Create , update , delete tour packages.
- Generate report of reservations and incomes.



### Travel Insurance management

**IT20163204 - Manimendra N. H**

- Create, view, update and delete Travel Insurance types
- Reserve and remove the reservation of insurance
- Generate a report of reservation of insurance

### Event management

**IT20142728 – Ranawaka T. D**

- Create ,view , update and delete event types.
- Reserve and remove the reservation of events.
- Generate a report of reservation of events

# GANTT CHART

	Month	July				August				September				October			
No	Tasks	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1	Requirements gathering																
2	Requirements analysis and design																
3	Charter document																
4	Proposal evaluation																
5	UI sketching																
6	Database design																
7	Progress evaluation																
8	Testing																
9	Final report writing																
10	Final presentation																
11	Deploy software																

A decorative graphic on the left side of the slide, consisting of a network of thin, light blue lines and small circles, resembling a circuit board or a stylized tree structure.

THANK YOU