Holiday Trip Management system

a) Background of the project

Holiday Trip Management system is a dynamic website for tourism business. It is dynamic and responsive web design. It is also called travel technology solution for agencies & tour operation. Nearly everyone goes on a vacation for this a Tourism management system would play a vital role in planning the perfect trip. The tourism management system allows the user of the system access all the details such as location, Package details etc.
The main purpose is to help tourism companies to manage customer, hotel stay, travelling services etc.

Tourism is a social, cultural and economic phenomenon which entails the movement of people to countries or places outside their usual environment for personal or business/professional purposes. Package holidays, popularly known as a tour package or simply the word 'tour' in the travel and tourism industry refers either to a package tour escorted or not escorted by the tourist guide.

b) Goals of project

When we say trip package, it means a pre-arrangement, prepaid trip that combines two or more travel components like airlines, accommodation, and other services. A total tourism product consisting of transportation from the current area to the destination, accommodation at the destination and recreational activities promoted by the tourists.

Goals are :

- Social and Economic Conditions
- Lower Cost
- Increase in Aircrafts

- Marketing Conditions
- Customer Requirements
- Integration took place

c) Problem Statement

Create a platform to provide most economically , and comfortable travelling packages to customers which include flight tickets and holiday packages.
Proposed system will be a database-driven travel agency web sites where services will display on webpage and will be stored in a database. Typically, new services would pull from the database and displayed on the homepage daily.
Every B2B business related to travelling will be connected to make a one platform for customers with most economical packages which they can select.

d) Solution / Proposed System

Proposed system will be a database-driven e-commerce web sites where products/services will display on webpage and will be stored in a database. Typically, new products wouldpull from the database and displayed on the homepage daily.

The buyer can purchase new connections, select various plans for prepaid, post-paid and dongle, bill payment, recharge etc. from the menus given and prices stored in the database will be displayed.

It will ask customer to fill the forms and attached required documents. The site administrator can easily change product /services and price information.

e) Users of project

1. **Travel agency-**
   They get the details of customer's trip booking information by the database where each set of trip data is stored.

2. **Customer-**

   They can customise the trip packages types and other services as per their necessity.

d) Requirements

Functional Requirements

A) Package Management

- This process is responsible for handling trip packages and types.

- It will receive the customer selection, then it will provide services over them and achieve customer satisfaction.
- It also appends Flight ticket selection and booking process within it.

B) Bill invoice Management

- It is responsible for the issue and distribution of marketing collateral directly to a customer and the keeping the track of relevant leads.

- These processes include the services taken by the customer during the trip and give invoice receipt.

Key Factors :

- Trip details
- Package booking
- Flight Ticket

Non-Functional Requirements

A) Performance Requirements

- Generate bill after selection of packages
- Generate packages details with flight details.
- Customers credentials are to recorded in database.
- Confirmation details are to displayed to customers.

DATABASE Design

1. **Customer**

Customer
Name Age Gender Nationality Email id Phone number

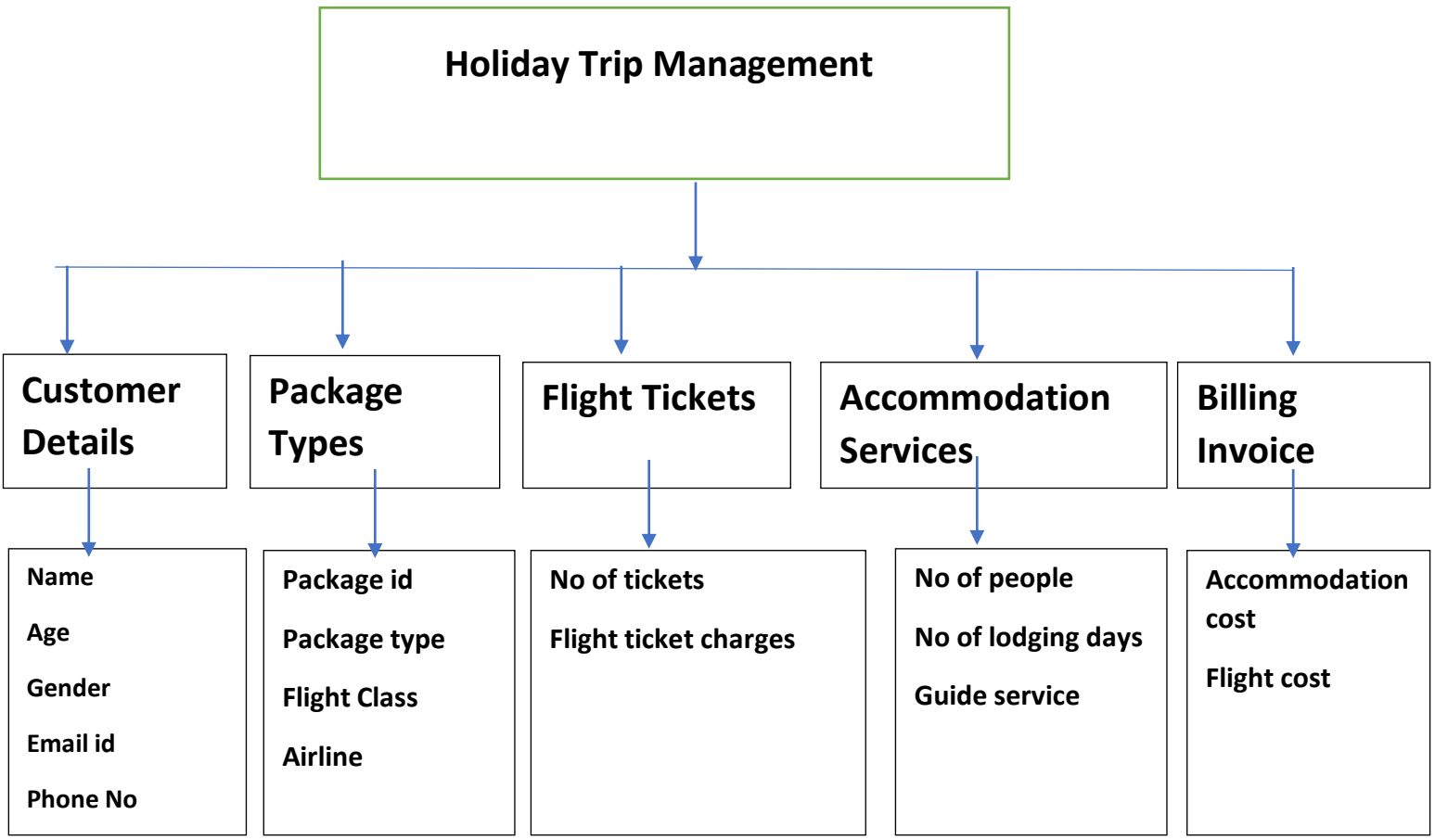
2. **Packages**

Packages
Package ID PackageName Destination Airline

3. **Billing**

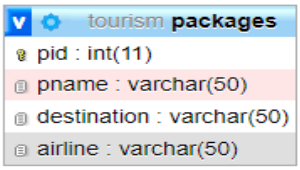
Billing
Bill ID Customer name No of people No of days Guide cost Accommodation charges Flight charges

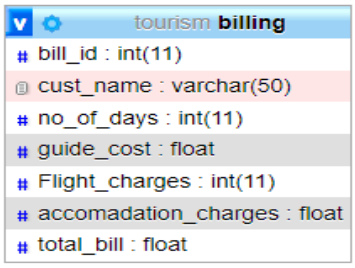
Architecture diagram

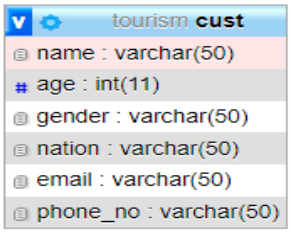


UML Diagram

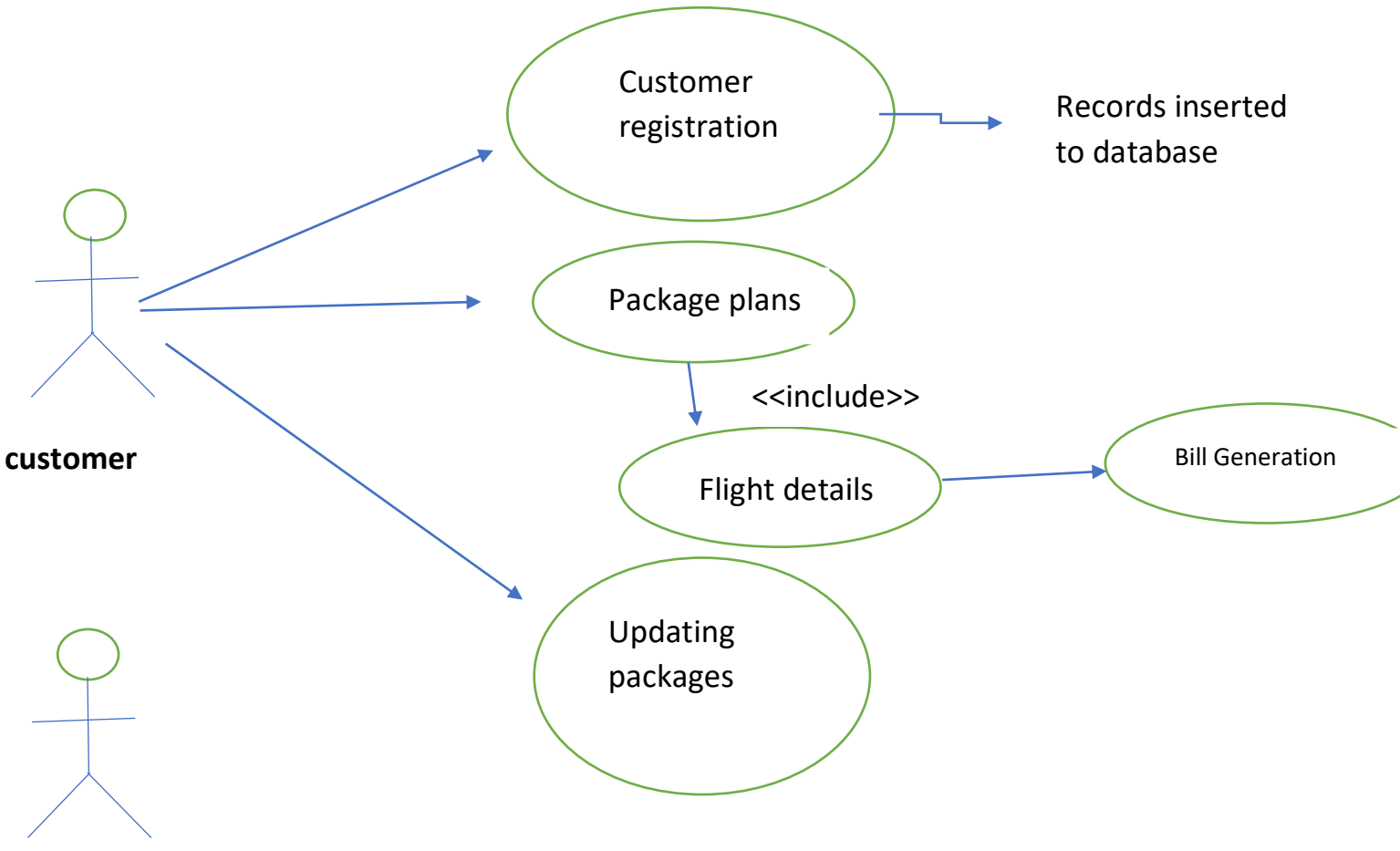
1. Class Diagram







2. Use-case Diagram



Release Notes

Holiday Trip Management System

Holiday Trip Management System Release Notes

1. Introduction

Holiday Trip Management System is a console based application which will help people to do hassle free choosing of a holiday package, flight tickets booking, accomadation services. This application is designed for the customers to get a good journey and get good memories and to make their journey hassle free.

2. Compatible Products

This project has been tested on the Windows platforms using software like Codeblocks, Dev c++, Xampp Server.

3. Upgrades

The proposed System is completely computer-based application. Holiday Trip management system is used to book a tour by a customer which will help the user to know all about the places and tour details in a single page. Then the users can provide their details and then book their respective trip packages.Gives accurate information and also simplifies the manual work.

Provide various services to customer online like

- ➔ Customer Login
- ➔ Package Selection
- ➔ Accommodation Details
- ➔ Flight ticket booking
- ➔ Invoice Receipt

4. New Features

In our system the travelers can get a complete package with all trip essential bookings like all type trip packages, Selection of flight classes during ticket booking, accommodation services ,customer invoice receipt are available.