



American International University-Bangladesh (AIUB)

Department of Computer Science and Engineering

Faculty of Science & Technology (FST)

Object Oriented Programming 2 (OOP 2)

Section: B

Project Name: “Take A Trip”

Submitted by:

NAME	ID
1. HOSSEN, MD. RIFAT	20-41847-1
2. MD. HOSSAIN KABIR MAZUMDAR	19-39829-1
3. DURJOY SARKER	18-38181-2

Submitted to:

MD. NAZMUL HOSSAIN

Department of Computer Science

“Take A Trip”: A Travel Management System

Introduction:

Over time, the world has stepped on the path of modernity. Nowadays, thanks to the blessings of technology, most tasks are completed with less effort and more efficiency. The primary purpose of using them is to reduce human problems and bring a quick but efficient solution. When traveling, a person often feels the need for a suitable hotel and transport according to their choice. “Take A Trip” a desktop application will help them choose their optimal travel destination and help manage their hotel booking and transport etc.

The proposed system maintains a centralized repository to make travel arrangements and to retrieve information easily.

Reason for developing:

People regularly travel from place to place but never finds the optimal solution when it comes to hotel booking and transport management. Preventing this situation is the main inspiration for us developing this project.

Description:

With the advancement of technology, our day-to-day chores have become much more convenient and effortless. The impact can even be felt when it comes to traveling. Travelers often find it hard to find a hotel to stay in and book proper transport that will provide proper service when traveling to an unknown city. Besides, it can get quite troublesome to secure a room or get a bus ticket during the busy season. A great need for a quick, reliable, and fast information system is required to help the traveler plan his vacation.

"Take A Trip" will properly go through all the intricacies someone will face while planning for a trip. They will choose their preferred destination, we will provide their regional transport system and hotels to book from. They will be able to choose from various transport. For example: if they travel by bus, there will be ac and non-ac variants. Traveling by airplane will offer economy class, business class, and first-class. Different brands will be available. In the hotel system, there

will be options for different types of hotels, motels, and resorts. Customers can also edit and change their choices before booking. Making changes after booking will also be applicable under certain conditions. We will provide tour guides who will be able to traverse through the traveling sites. Lastly. The program will automatically calculate the proper cost and reveal it to the user.

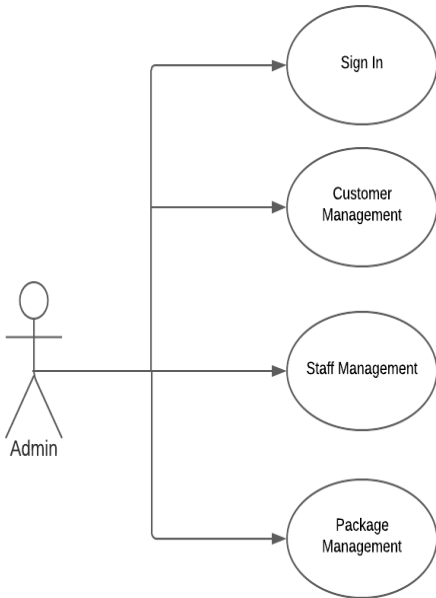
List of features:

1. Choosing preferred destination.
2. Regional transport system.
3. Variants in transport.
4. Booking hotels of different types.
5. Requesting to make changes after booking.
6. Tour guide rental.
8. Automatically calculate payment.

Benefit of using our system:

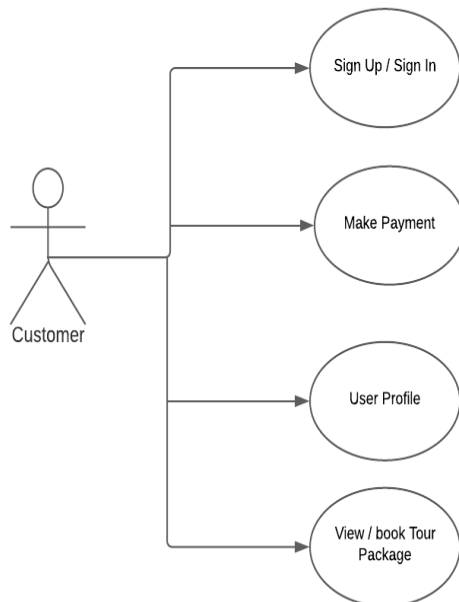
1. The most valuable thing for a human is time and money. So, our system will provide most optimize service with less time and affordable price.
2. Our System will also offer the convenience of having every aspect of traveler vacation or trip pulled together in one comprehensive plan.
3. “Take A Trip” will give a traveler-friendly user interface with clear instructions. they will not face any difficulty while using it.
4. our system will assist their clients in making travel as smooth and as stress-free as possible. In the rare case that something on a trip doesn’t go as planned, travel agents are there to resolve the problem, so that you can continue to relax and enjoy the trip.
5. Lastly, “Take A Trip” will give the travelers exclusive travel discounts and to book hotels, rental cars, and guided tours. So, that traveler can enjoy their trip as much as they want.

Use Case and Functionality



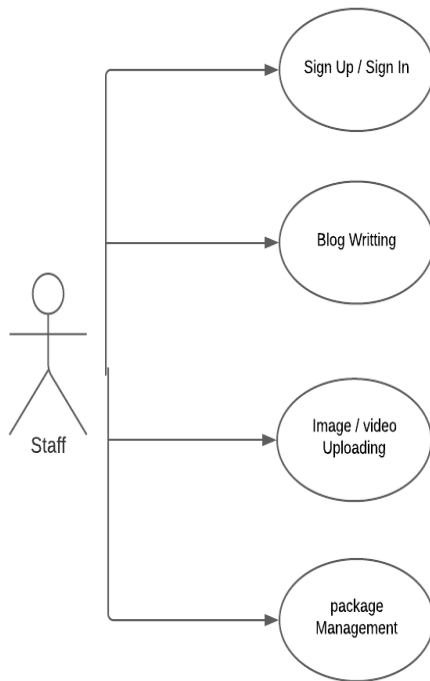
The functionality of a Admin is as Follows-:

- #Admin can Login
- #Admin can Manage the Customer info Like delete, edit, update.
- #Admin can manage the staff like staff info, entry, salary
- #Admin can make the tour package, can delete edit or update also.



The functionality of a Customer is as Follows-:

- #Customer can sign Up and Sign In
- #After the sign in they can see their Profile can update or Modify info
- #They can view the package details
- #They can book and pay
- #Some certain conditions they can change their bookings



The functionality of a Staff is as Follows:-

- #Staff can sign in
- #They can write blog about tourist place
- #They can upload image / video
- #They can add Tour Package and Update them in real time