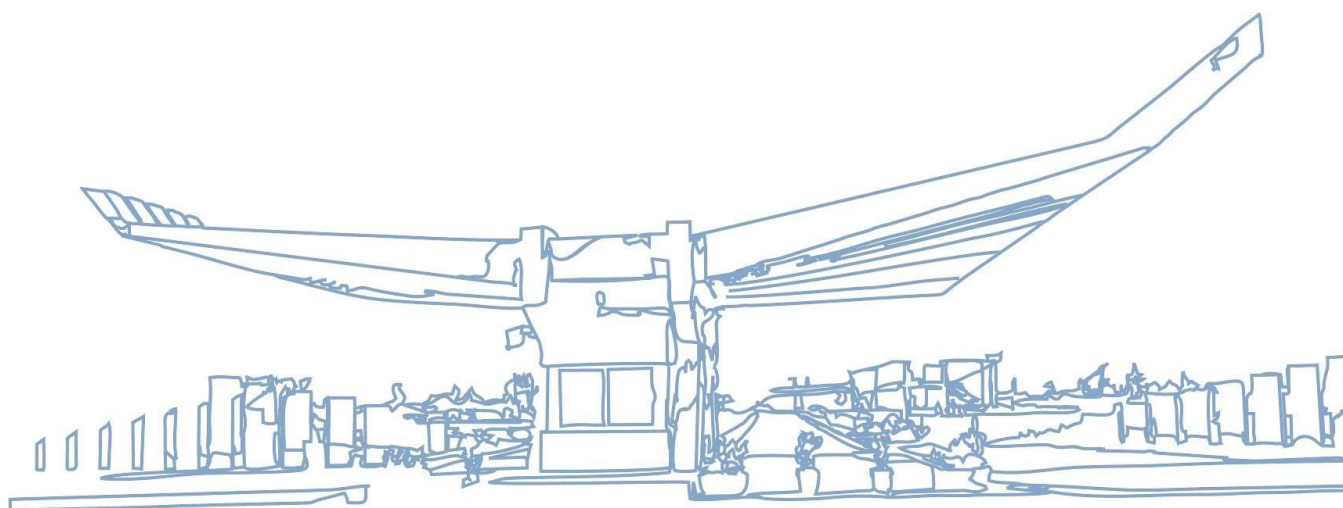


## **DOCUMENTATION**

### **WEB TECHNOLOGIES AND PROGRAMMING**

**[Tirana Inc. Travel Agency]**



#### **Team Members:**

Enriketa Hoxha [1]

Eva Daçi [2]

Klaudia Kasa [3]

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## **1. EXECUTIVE SUMMARY**

### ***Project overview***

“Tirana Inc. Travel Agency” is a website designed and built for this course using client-side and server-side markup and scripting; CSS, HTML, JAVASCRIPT and PHP with a particular focus on PHP.

### ***Purpose and scope of this specification***

The purpose of this website is to offer a company, that is, Tirana Inc.Travel Agency, a website where users can view information regarding the agency, signup and login to book packages that it offers, as well as other features. It also includes a different login page where the admin could login using credentials on the database and access client data as well as manage packages, agents and other functionalities. It offers multi-user access.

## **2. PRODUCT/SERVICE DESCRIPTION**

### **2.1 PRODUCT CONTEXT**

It has a simple, and yet elegant front-end design using front-end frameworks, that is bootstrap and jquery, to facilitate the working process but also manage features like mobile view, animation etc. which alter the overall user experience. Although front-end frameworks are used and referenced on the website folder, tweaks and further designs are also implemented to apply changes according to the vision I had crafted upon planning this project. It is true that this web-site is fully functional for the thought functionalities, but it is worth mentioning that because of the time frame of this project limit, further changes can be made and other features could be implemented to make it more advanced. That being said, the website could be used for a travel agency and it fully implements the pre-planned functional requirements.

### **2.2 USER CHARACTERISTICS**

- User can view general information about the company
- User can LogIn/SignUp/LogOut
- User can view the profiles of the agents working in the agency
- User can view travel packages offered
- User can book a flight
- User can view the flight schedule
- User can see the bill of his/her booking

### 3. REQUIREMENTS

The requirements will be organized according to the user classes that have been developed. The requirements were created through the usage of user stories. Each user story specifies the requirements for a given function and can be subdivided into sub-user stories. A user narrative has a certain format. Who? - "What?" says the user.  
 - What is the user's request, and why is it being made? - the explanation for the user's request for this feature. Each need has a priority number to help you figure out which ones are the most critical to concentrate on.

#### 3.1 FUNCTIONAL REQUIREMENTS

| Req#  | Requirement                 | Comments   | SME Reviewed/Approved                      |
|-------|-----------------------------|--|--|
| FR_01 | <b>View Information</b>     | A user can take a look at the website main page and have an overview of what the company does, where they are located using an embedded map, services they offer etc.  | Enriketa Hoxha<br>Eva Daçi<br>Klaudia Kasa |
| FR_02 | <b>Login/Sign Up</b>        | A user can login and sign up by using and storing the data on the database used. Different login page is also used for the admin privileges.   | Enriketa Hoxha<br>Eva Daçi<br>Klaudia Kasa |
| FR_03 | <b>View Agents Profiles</b> | A user can view a list of all agents that are available for a custom travel package and contact information is also displayed upon clicking on each agent.   | Enriketa Hoxha<br>Eva Daçi<br>Klaudia Kasa |
| FR_04 | <b>View Packages</b>        | A user can view a list of all packages available with some overview info. A user can click on a package and view its details.  | Enriketa Hoxha<br>Eva Daçi<br>Klaudia Kasa |
| FR_05 | <b>Book Package</b>         | A user which has logged in using their credentials can see a book now button on the main page and also navigation bar. A user can book a package using a form which displays location packages from the database and also stores them. | Enriketa Hoxha<br>Eva Daçi<br>Klaudia Kasa |

|       |  |   |  |
|-------|--|---|--|
| FR_06 | <b>View Schedule</b>                         | A user can view a schedule with information regarding future trips.   | Enriketa Hoxha<br>Eva Daçi<br>Klaudia Kasa |
| FR_07 | <b>View Bill</b>                             | Upon the confirmation from the admin, a user can then view their perspective bill/s regarding the prices submitted by the admin.                                      | Enriketa Hoxha<br>Eva Daçi<br>Klaudia Kasa |
| FR_08 | <b>View Name/Log Out</b>                     | A user and admin can see their name on the topright corner in addition to the logout button.  | Enriketa Hoxha<br>Eva Daçi<br>Klaudia Kasa |
| FR_09 | <b>View Admin Panel</b>                      | An admin can view the admin panel using the login as admin page with respective credentials.  | Enriketa Hoxha<br>Eva Daçi<br>Klaudia Kasa |
| FR_10 | <b>Add agent, package</b>                    | An admin can add an agent and a new travelpackage using the admin panel.  | Enriketa Hoxha<br>Eva Daçi<br>Klaudia Kasa |
| FR_11 | <b>Confirm Voyage, Bill, Confirm Payment</b> | An admin can bill the customer using the final payment form, confirm the payment if it has been made and also confirm the voyage, meaning it's not available anymore. | Enriketa Hoxha<br>Eva Daçi<br>Klaudia Kasa |
| FR_12 | <b>View Bills, CRM</b>                       | An admin can view bills which are finalized for each customer as well as a table with some data regarding the clients on the system which could be used for CRM.      | Enriketa Hoxha<br>Eva Daçi<br>Klaudia Kasa |
| FR_13 | <b>Delete Reservations</b>                   | An admin can delete reservations.   | Enriketa Hoxha<br>Eva Daçi<br>Klaudia Kasa |

## 4. SOFTWARE DESIGN

### 4.1 SCREENSHOTS

#### 4.1.1 MAIN PAGE

Main page is the home section in the menu bar. This page is divided in three sections: main section, about us and services. In the main section there is displayed the name of the agency and a button which leads you to the login page.

About us section shows general information about the agency, like the location. Services section, shows general services offered by the agency.

The menu bar, displays: HOME, PACKAGES, TRAVEL AGENTS, SCHEDULE, SIGN UP and LOGIN.

*(first display before you log in)*

**HOME:** shows the main page.

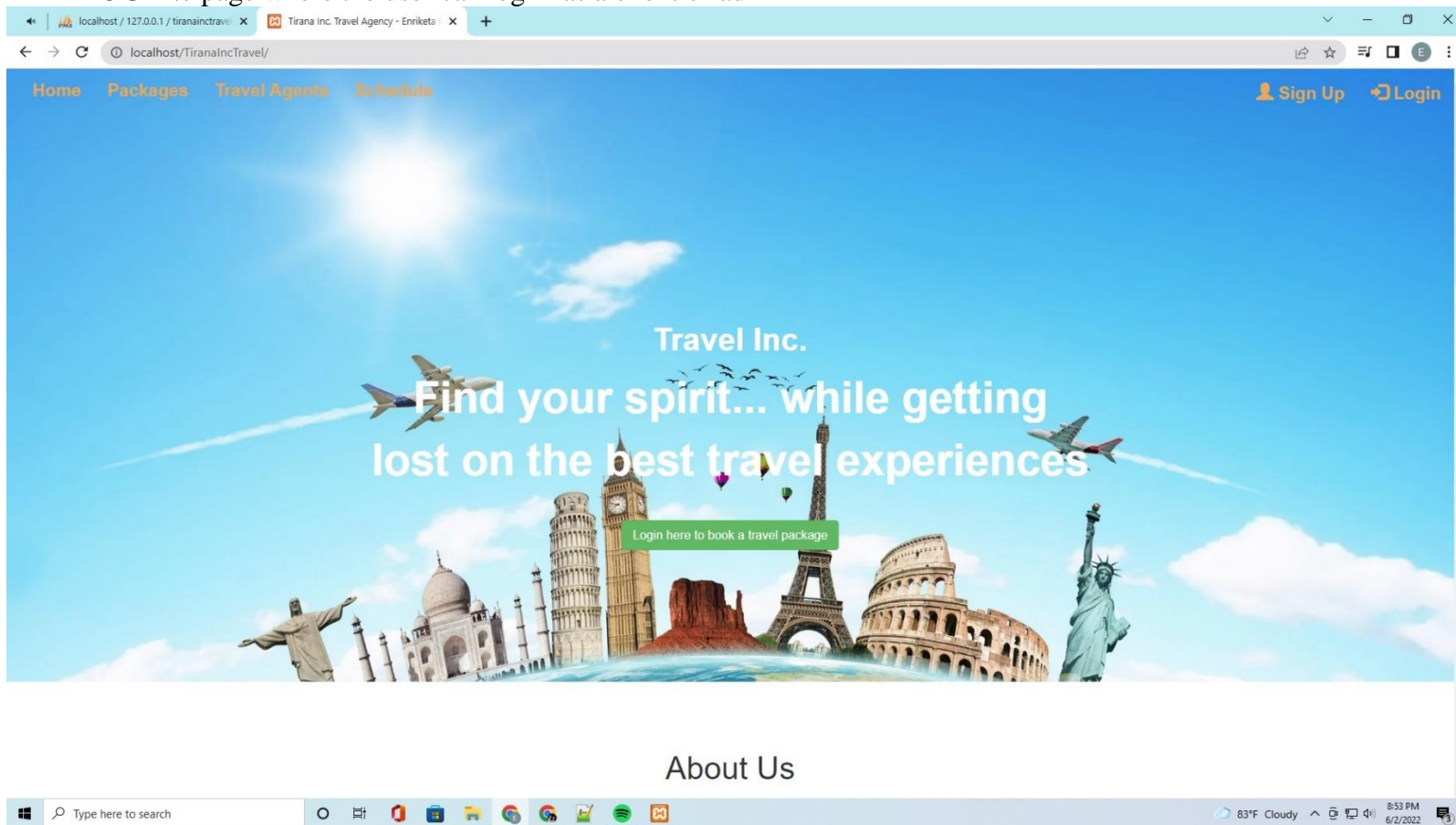
**PACKAGES:** shows the travel packages offered by the agency and information about them

**TRAVEL AGENTS:** shows the employees of the agency: Enriketa Hoxha, Eva Daçi and Klaudia Kasa.

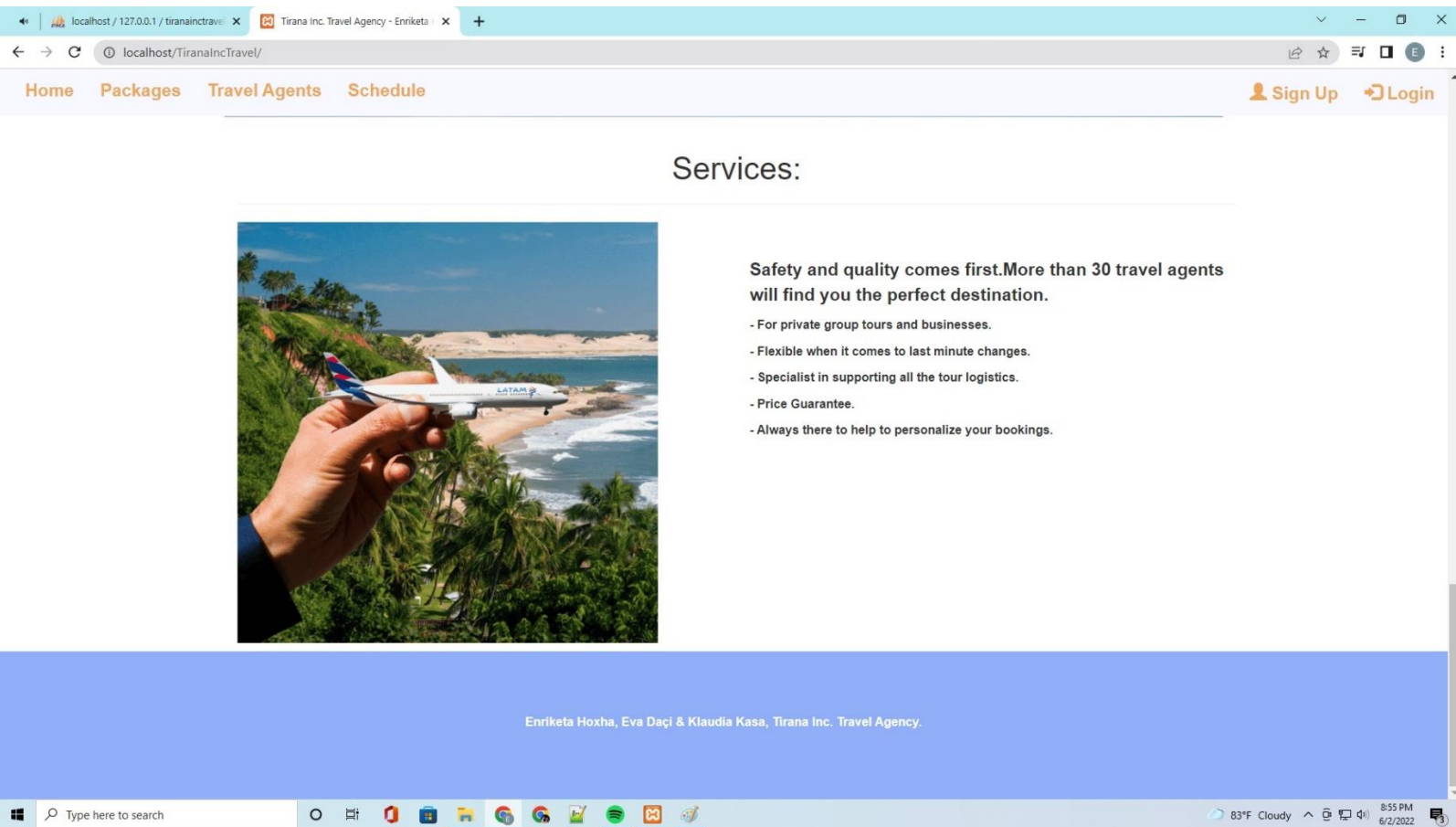
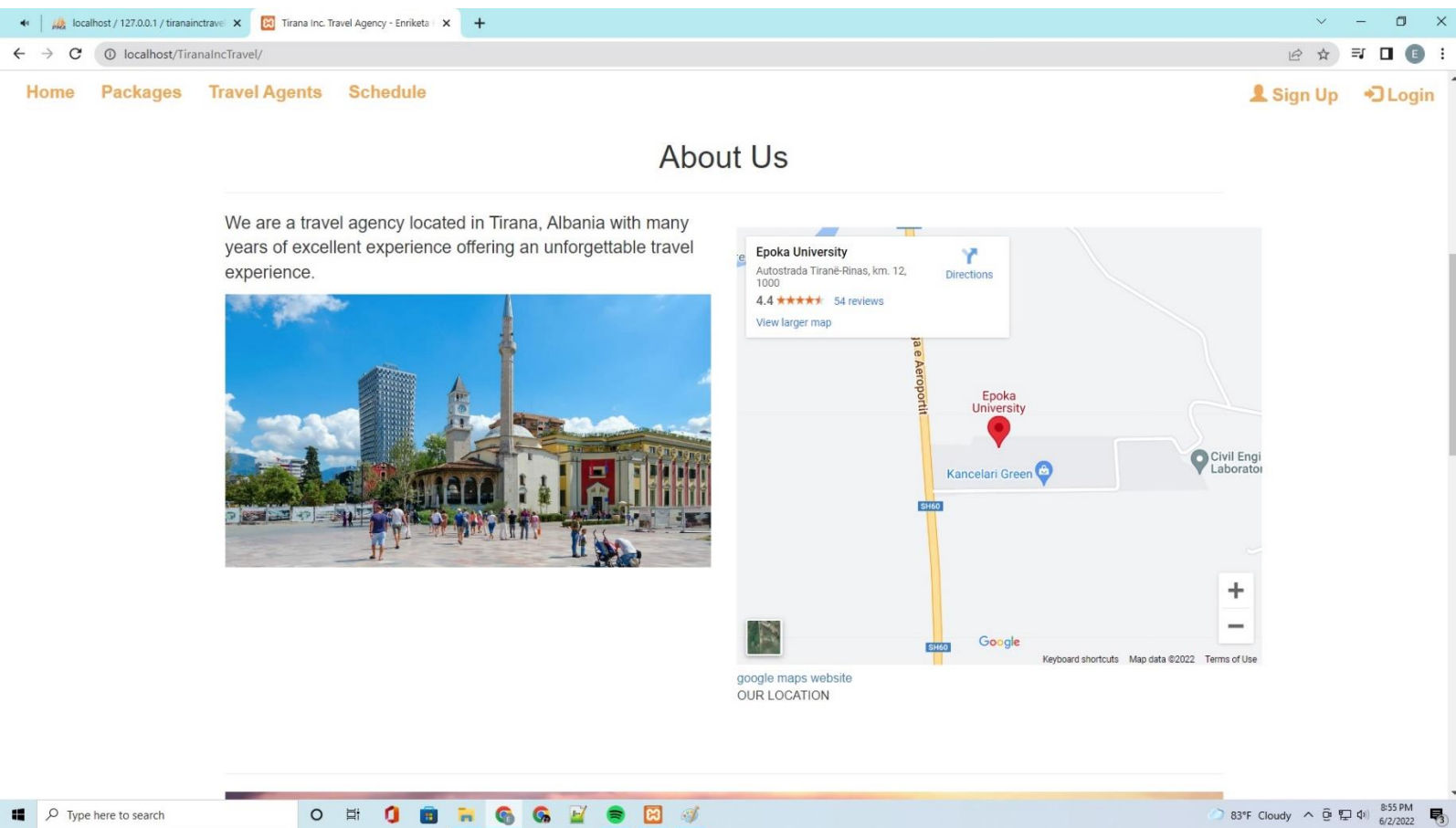
**SCHEDULE:** shows the schedule data

**SIGN UP:** form page which allows the user to sign up and create its own account




**LOG IN:** page where the user can log in as a client or admin







# Travel Packages

| Location  | Click id for more details     | Price in Euros |
|---|-------------------------------|----------------|
|  | <a href="#">Paris, France</a> | 555            |
|  | <a href="#">Switzerland</a>   | 666            |
|  | <a href="#">New York</a>      | 777            |

## Paris, France



### Travel Package Information

**Destination Date**

06/24/2022

**Type of Transport**

Plane

**LOCATION**

Paris, France

**Package Category**

Individual

**Price**




555

**Information**

This is a package to go to Paris, France. It is an individual package, four day trip with hotel included in the full price. For extra services contact us.



## Our Agents at your disposal

| Photo Preview   | Agent Information |
|---|-------------------|
|  | Eva Daji          |
|  | Enriketa Hoxha    |
|  | Klaudia Kasa      |

## Enriketa Hoxha



| Agent Info                                 | Contact Info for personalized travel package |
|--|--|
| <b>Name</b><br>Enriketa Hoxha              |  |
| <b>Has Been with us since</b><br>2/15/2022 |  |
| <b>Location Office</b><br>Tirana           |  |

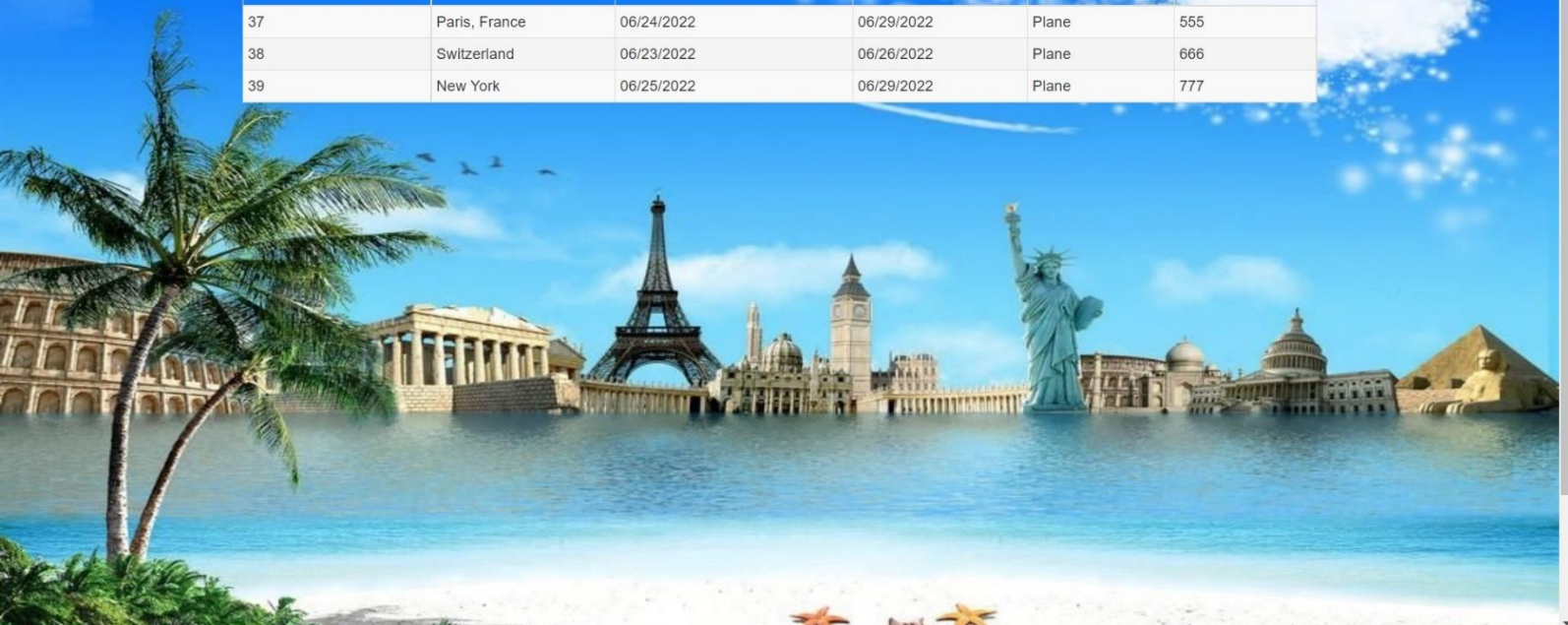
localhost / 127.0.0.1 / tiranaincTravel x Tirana Inc. Travel Agency x +

localhost/TiranaincTravel/schedule.php

Home Packages Travel Agents Schedule Sign Up Login

### Packages Info

| Reference ID | Location      | Destination Date | Arrival Date | Transport | Price in € |
|--------------|---------------|------------------|--------------|-----------|------------|
| 37           | Paris, France | 06/24/2022       | 06/29/2022   | Plane     | 555        |
| 38           | Switzerland   | 06/23/2022       | 06/26/2022   | Plane     | 666        |
| 39           | New York      | 06/25/2022       | 06/29/2022   | Plane     | 777        |



83°F Cloudy 8:58 PM 6/2/2022

localhost / 127.0.0.1 / tiranaincTravel x Sign Up x +

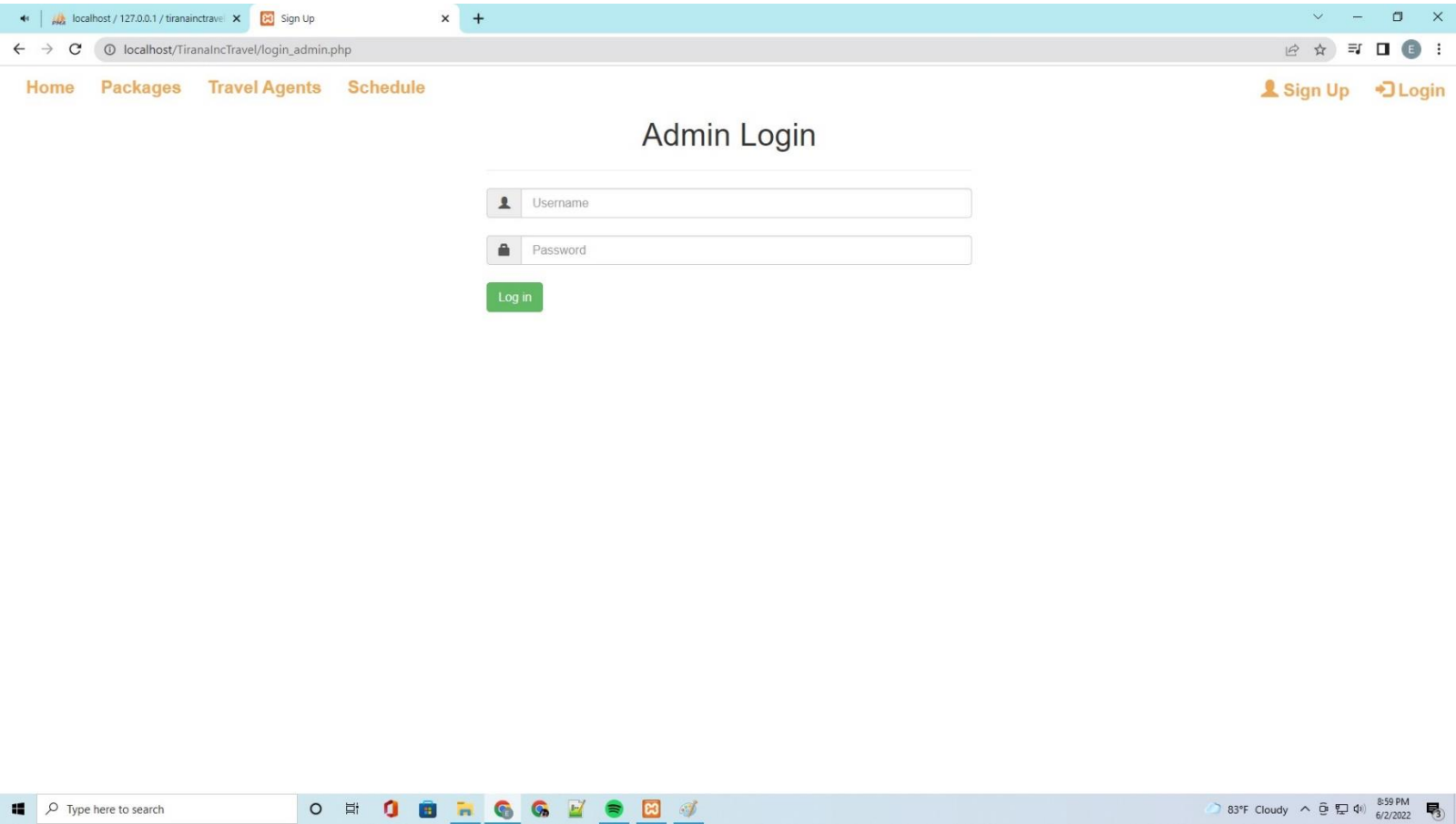
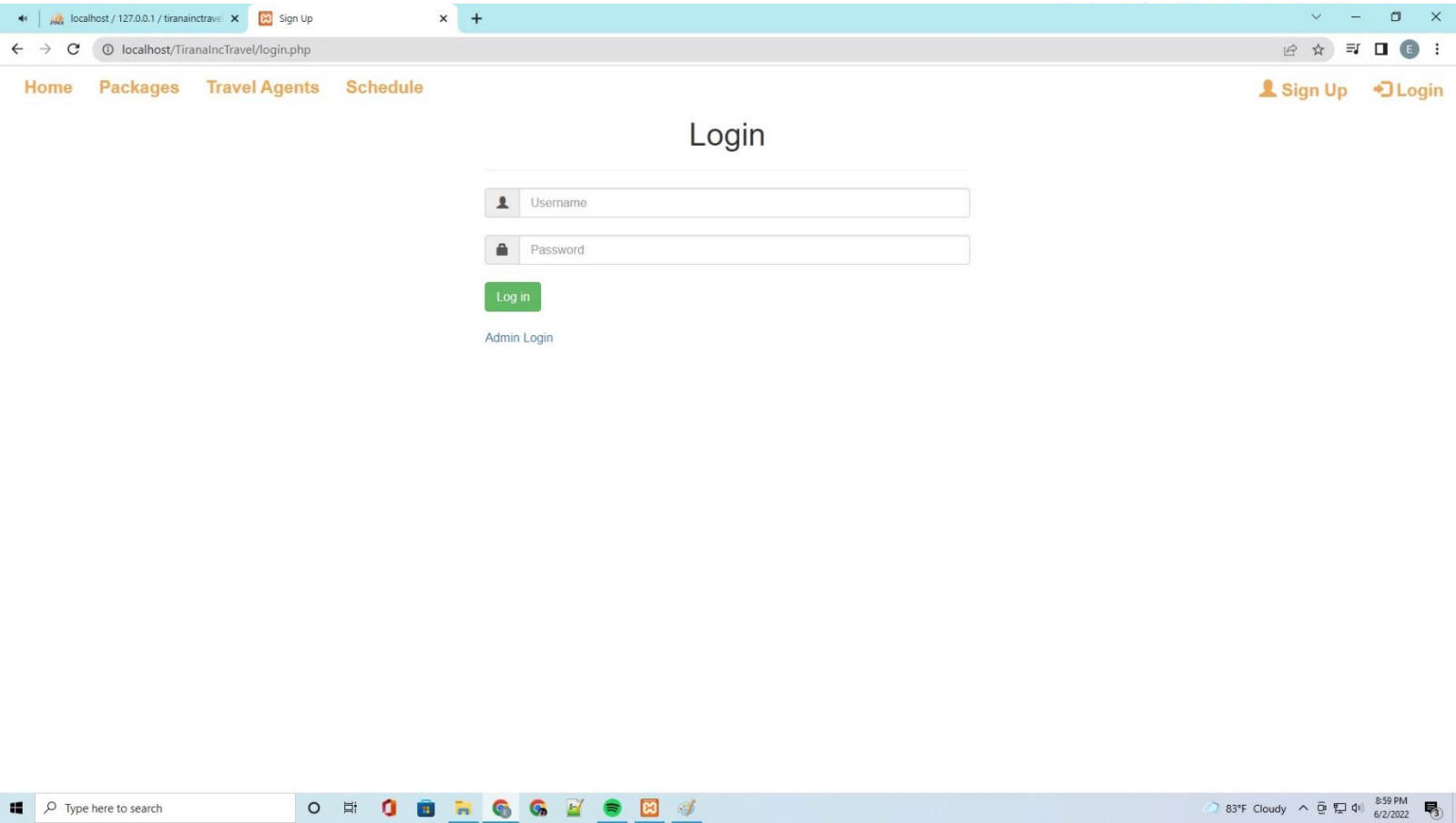
localhost/TiranaincTravel/signup.php

Home Packages Travel Agents Schedule Sign Up Login

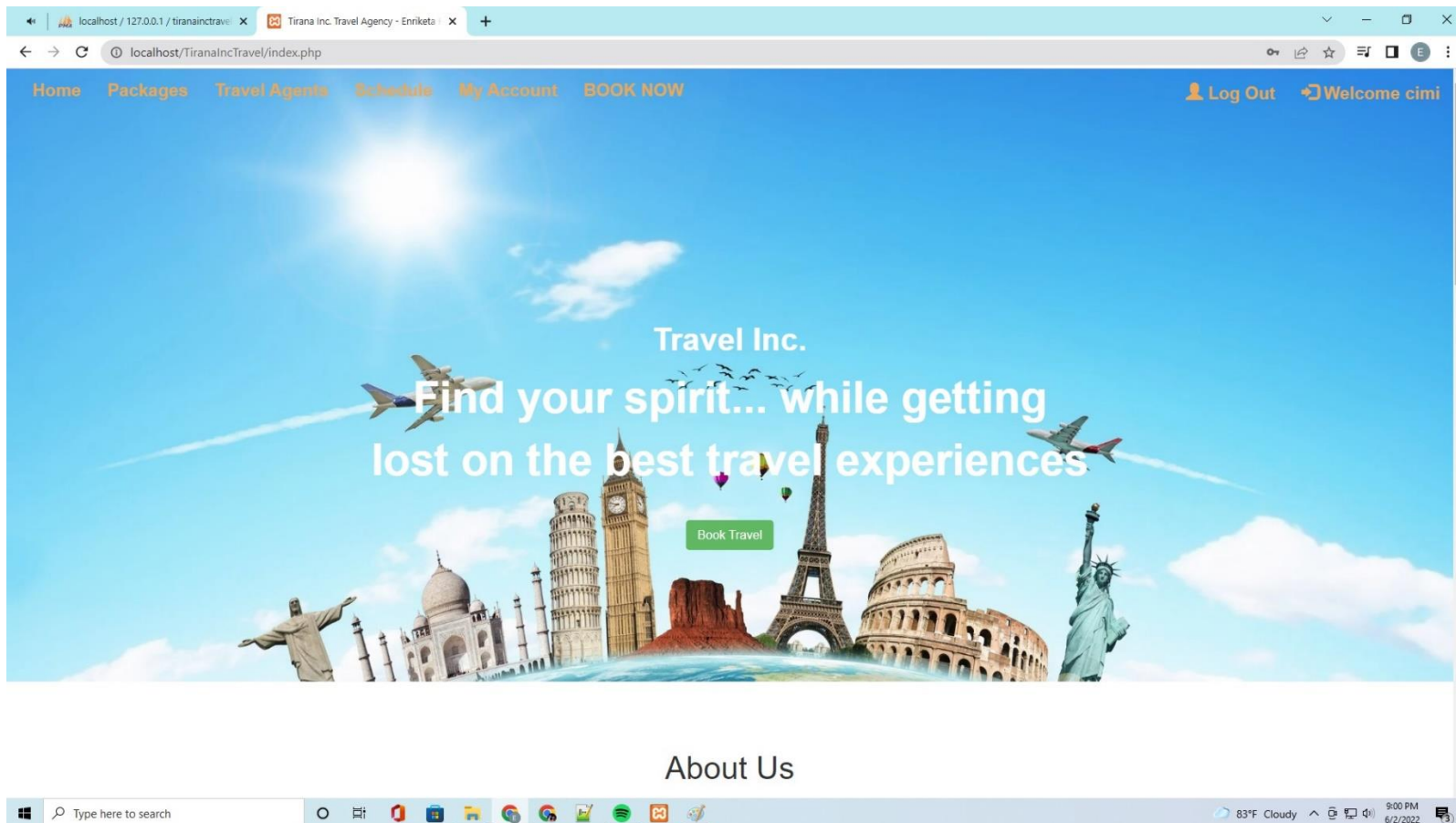
## Sign Up

Sign Up

83°F Cloudy 8:58 PM 6/2/2022



## 4.1.2 AFTER YOU LOG IN AS A CLIENT



### My Account menu



| Reference ID | Date of the Journey | Location      | Tax Cost | Extra Cost | Total Cost | Paid |
|--------------|---------------------|---------------|----------|------------|------------|------|
| 58           | 07/03/2022          | Paris, France | 20       | 10         | 180        | Yes  |



## Book Now menu

localhost / 127.0.0.1 / tiranaintravel x Booking x +

localhost/TiranaIncTravel/booking.php

Home Packages Travel Agents Schedule My Account BOOK NOW Log Out Welcome cimi

### Booking

Name Ndrim Topalli

Select Travel Package Paris, France at this price: 555

Confirm Location Paris, France

Date of Requirement Destination Date

Date of Return Arrival Date

Email ntopalli@epoka.edu.al

Mobile Mobile No

Submit

Type here to search

83°F Cloudy 9:00 PM 6/2/2022

### 4.1.3 AFTER YOU LOG IN AS ADMIN

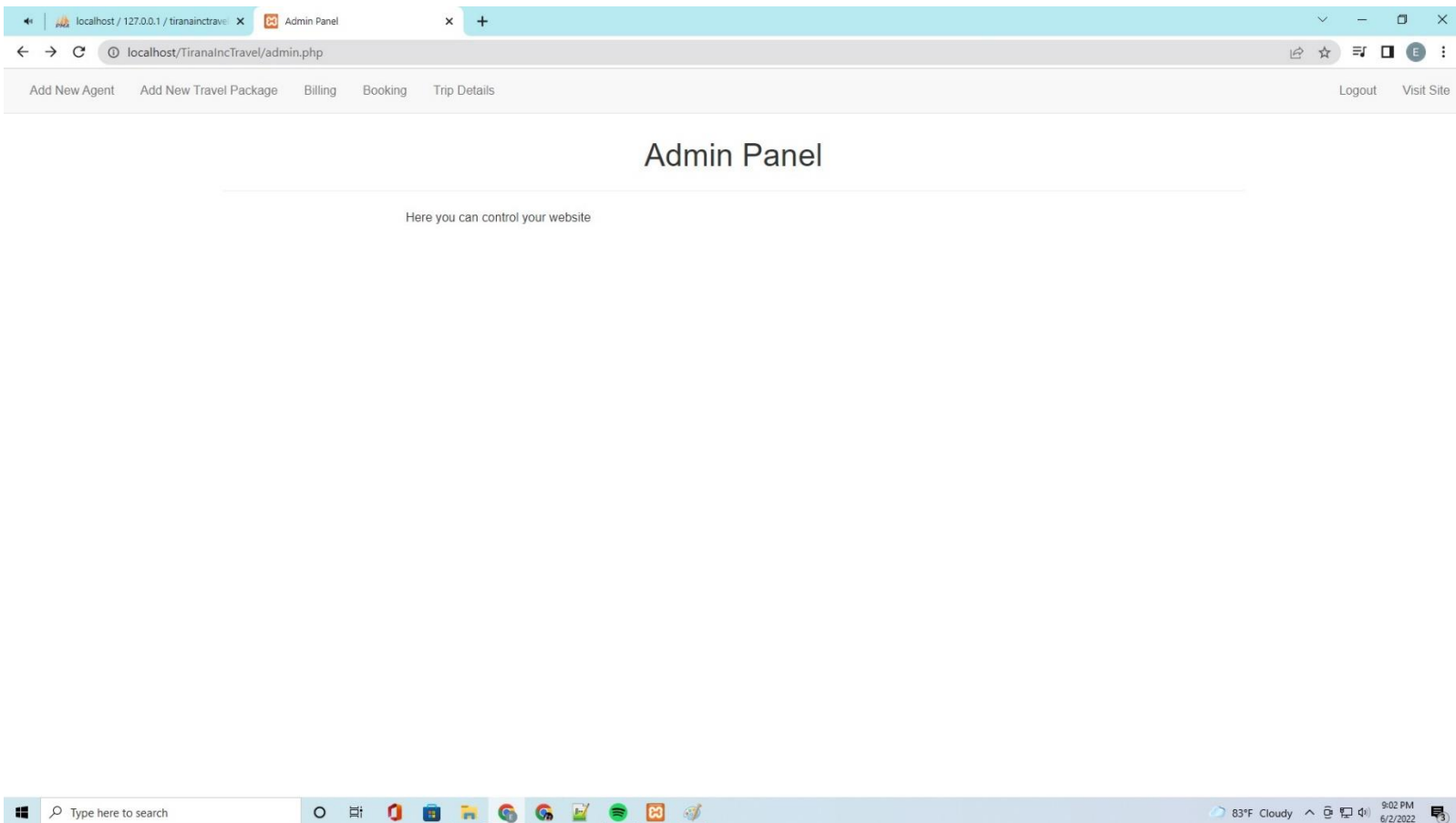
**ADD NEW AGENT:** page where admin can add details about a new agent which has recently joined the agency.

**ADD NEW TRAVEL PACKAGE:** page where admin can add a new travel package offered by the agency.

**BILLING:** page where admin can view the bills of the paid orders

**BOOKING:** page where admin can view the orders made by clients and proceed with their confirmation or rejection.

**TRIP DETAILS:** page where admin can view the CRM of the clients which have bought travel packages in the agency.





## Add A new Agent to the System

Name of the Agent

Insert Full Name

Mobile

Add Contact Number

Agent Joined Date

Select Date

Location

Location

Email Address

test@unyt.edu.al

Photo

Choose File

No file chosen

Submit

## Add New Package

Location

Location

Package Type

packagetype

Destination Date

destinationdate

Arrival Date

Arrival Date

Transport

Transport

Price

Price

Description

Photo

Choose File

No file chosen

Submit

## Billing List

Show 10 entries

Search:

| Reference Number | Full Price | Access Payment Receipts |
|------------------|------------|-------------------------|
| 56               | 6666       | <a href="#">View</a>    |
| 58               | 180        | <a href="#">View</a>    |

Showing 1 to 2 of 2 entries

Previous 1 Next

## Booking List

Show 10 entries

Search:

| Order Number | Full Name     | Package Details                  | Delete                 | Confirm Voyage          | Checked | Finished | Payment              | Confirm Payment         | Paid |
|--------------|---------------|----------------------------------|------------------------|-------------------------|---------|----------|----------------------|-------------------------|------|
| 58           | Ndrim Topalli | Paris, France at this price: 555 | <a href="#">Delete</a> | <a href="#">Confirm</a> | Yes     | Yes      | <a href="#">Bill</a> | <a href="#">Confirm</a> | Yes  |
| 59           | Ndrim Topalli | Paris, France at this price: 555 | <a href="#">Delete</a> | <a href="#">Confirm</a> | No      | Yes      | <a href="#">Bill</a> | <a href="#">Confirm</a> | No   |

Showing 1 to 2 of 2 entries

Previous 1 Next

### Trip Details

|             |     |
|-------------|-----|
| Flight Cost | 100 |
| Hotel Cost  | 50  |
| Tax Cost    | 20  |
| Extra Cost  | 10  |
| Full Price  | 180 |
| Submit      |     |

## Trip Details

Reference ID: 58

Tax charge: 20

Extra Charge: 10

Full Price: 180

Confirm Payment

## Customer Data

Show 10 entries

Search:

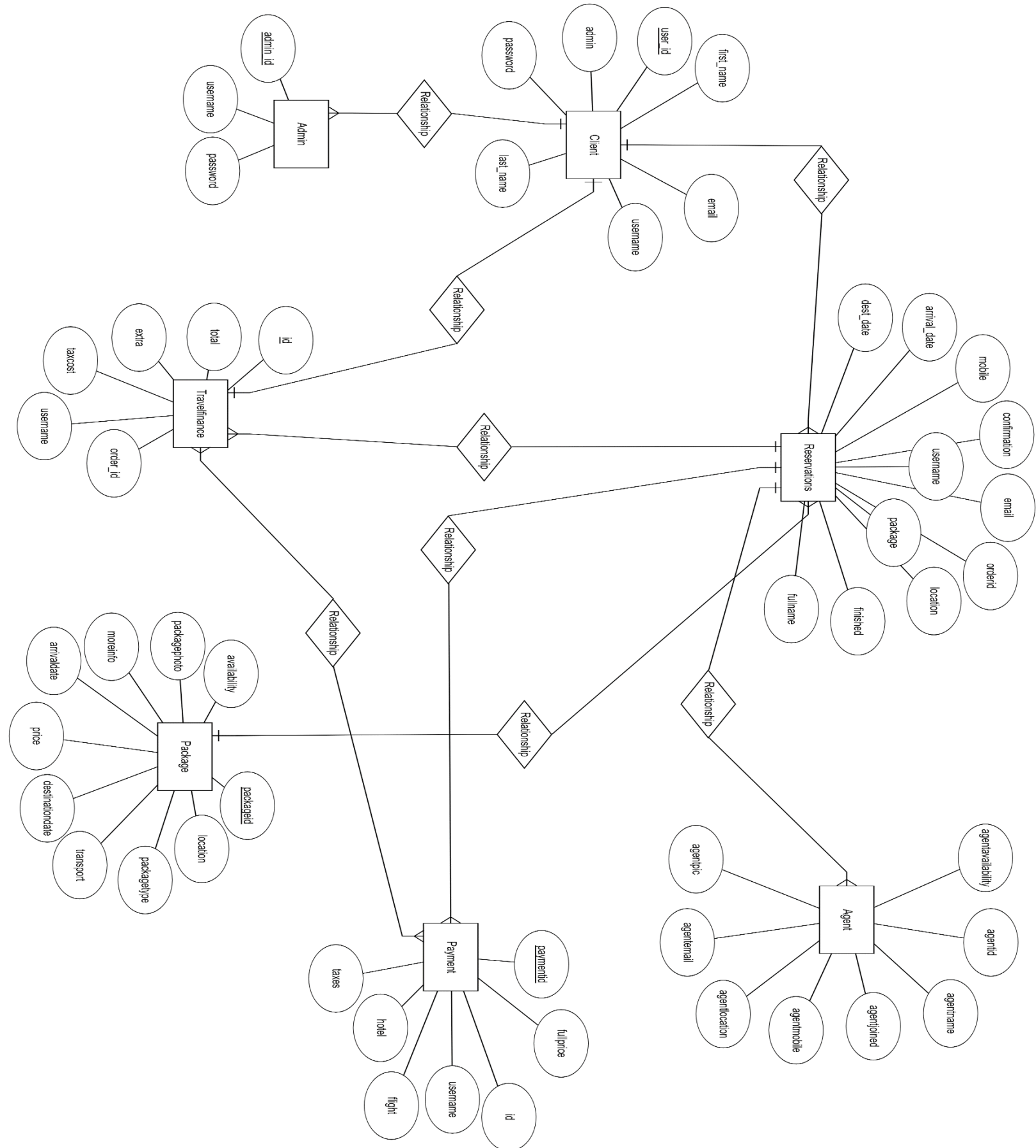
| Reference ID | First Name | Last Name | Email                 | Username | Password |
|--------------|------------|-----------|-----------------------|----------|----------|
| 3            | Ndrim      | Topalli   | ntopalli@epoka.edu.al | Cimi     | 1111     |

Showing 1 to 1 of 1 entries

Previous1Next

## 5. SCHEMAS

### 5.1 ERD Database Schema



## 5.2 USE CASE

This use case describes how functions were linked, the requirements, and how interaction between actor and the system is made.

There are two actors in our case: the user (client) and admin, that are going to use the built website.

When we first open the website, we go straight to the first page, where the actor has the ability to choose between six main functions. This functions are displayed in the menu bar. The functions displayed in this case, are shown before we log in as a client or admin. For a better explanation of the use case diagram I will go through each of the main functions one by one.

Let's start with the first one, the **"Home"** menu. This menu shows some different general information about the agency. It represents you with the agency's services, location and owners. Then we can check the **"Packages"**. It contains three travel packages: "Paris", "Switzerland" and "New York". If you click them, you are going to get directed to their data and information which are different. They contain information about: destination date, type of transport, location, package category, price and description.

After choosing the **"Travel agents"** menu, you are going to get directed to a page which shows the agency's agents list. If you click either in one of the agent names, you are going to get directed to their data and information. They contain information about: name, duration of employment, location of the office where they are, mobile and E-Mail. The **"Schedule"** menu, shows travel packages information, like: reference id, location, destination date, arrival date, transport and price.

Despite all the menus that we explained before, the actor now can either use the **"Sing Up"** or **"Login"** options. The **"Sign Up"** is going to show a form, which requires these data: First name, Last name, Email, Username and Password. After submitting, the user has officially created an account. You can either Login as a client or as an admin.

Firstly, we are going to explain the functions that you can take after you login as a client. To login as a client is going to require you the username and password, which in our case the only client that we have in our database is Ndrim. We enter his username and password and click Log in button, if the data you entered is correct, if not it is going to show an error. We are officially logged in as a client, so the data we entered was correct. Now on the menu bar are going to be shown these options: **"Home"**, **"Packages"**, **"Travel Agents"**, **"Schedule"**, **"My Account"**, **"Book Now"**, **"Log Out"** and **"Welcome cimi"** (as for the username of the client).

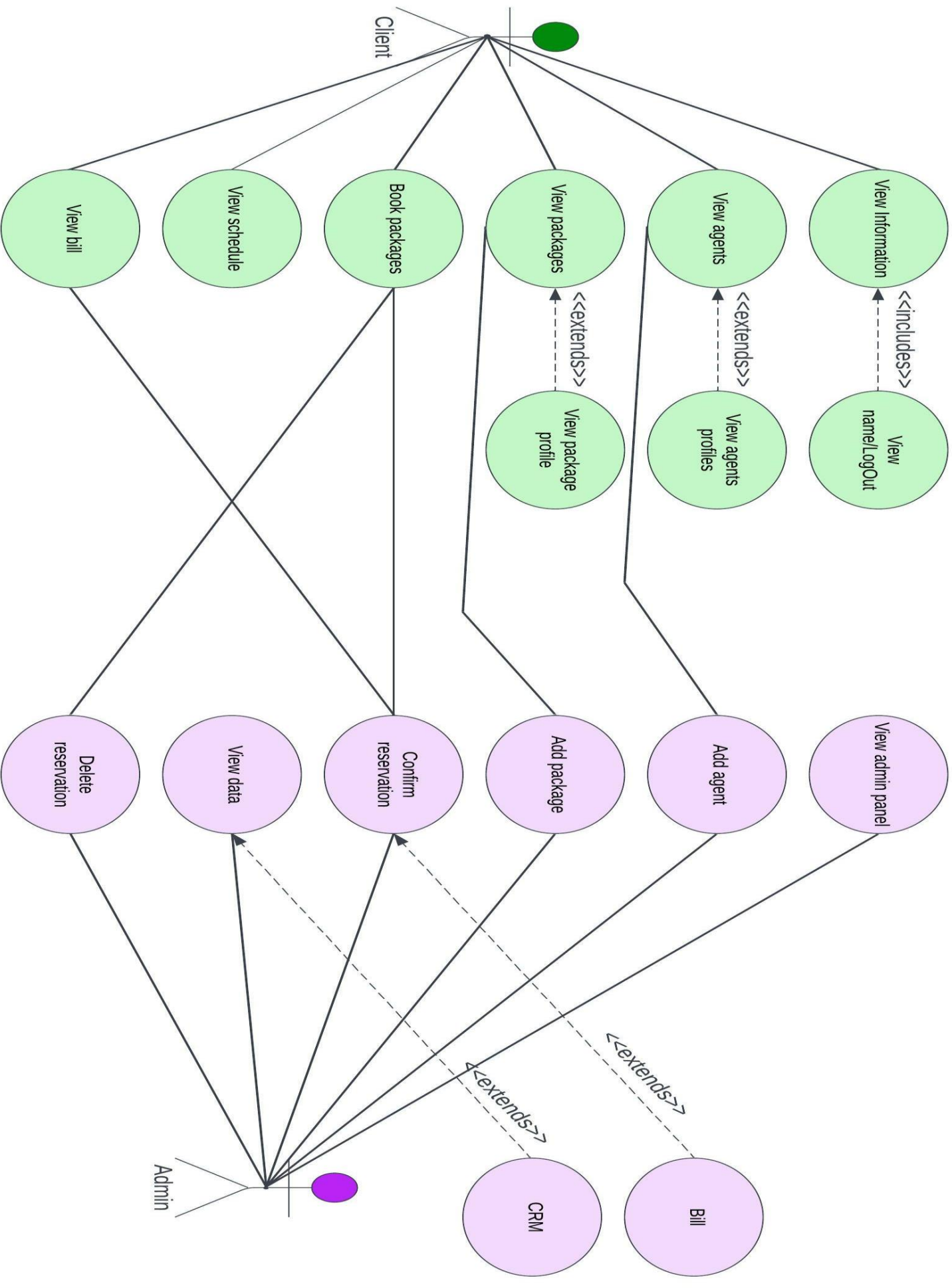
The new options that are shown to us after we logged in as a client are: "My Account", "Book Now" and "Log Out". At "My Account" page, are going to be shown the travel packages that Ndrim has ordered and paid. The "Book Now" page, is going to display a form, which requires some specific data used to book the desired travel package. After you submit your order, then is the admin's job to confirm the booking and the payment if done.

Now you can Log Out, in order to Log in as an admin. To Log In as an admin, you should click the "Admin Login option". Then you fill out the username and password, in our case the only admin that we have in our database is Eva, and you are officially logged in if the data you entered is correct, if not it is going to show an error. We are officially logged in as an admin, so the data we entered was correct.

As we have logged in as an admin, it is going to show us the admin panel. Now the options in the menu bar are different. In this case, the menu bar has these options: **"Add New Agent"**, **"Add New Travel Package"**, **"Billing"**, **"Booking"**, **"Trip Details"**, **"Log Out"** and **"Visit Site"**. "Add New Agent" and "Add New Travel Package" are form pages where the admin can add new agents in the agents list or new travel packages in the travel packages list offered by the agency. "Billing" page shows the admin the billing list of the orders made. In this page admin can view the payment receipts. "Booking" page shows the admin the booking list. In this page admin can confirm the booking, bill the travel package ordered, and confirm the payment if done. "Trip Details" page is going to show the CRM of the clients that have made orders in this agency.

These are most of the functions that our website offers to you. Check it out for more!





## 6. PROJECT PLANNING

### 6.1 GANTT CHART

The start date of the project is May 20 and the end date is June 03. To plan the project we used **Gantt Chart**. A Gantt chart is a graphical representation of a project. To build the Gantt chart we used Excel. On its left side are placed 7 tasks as shown in the figure. Each team member is responsible for carrying out each activity.

Project management tasks are converted into vertical bar chart on the left side. Timelines are shown on the top horizontal bar showing start and end dates of the tasks, as well as deadlines, including how much of the task is completed per stage. The black dots in the horizontal bars indicates the work that has been completed for a certain task. The completion and start-up time of each task is calculated on the basis of the start-up and delivery of each task.

| TASKS  | MAY 20-21 | MAY 22-28 | MAY 29-30 | 31-May | JUNE 1-2 | 3-Jun |
|--|-----------|-----------|-----------|--------|----------|-------|
| Website planning and research                | .....     |           |           |        |          |       |
| Code implementation using HTML, CSS, JS, PHP |           | .....     |           |        |          |       |
| SQL  |           | ... ..    |           |        |          |       |
| Testing                                      |           |           | .....     | .....  |          |       |
| Diagrams (ERD, Use case)                     |           |           |           |        | .....    |       |
| Documentation                                |           |           |           |        | ... ..   |       |
| Summary & Conclusion                         |           |           |           |        |          | ..... |

\*The work done is going to be shown by black dots which are going to be set inside the boxes

example:

