SEMESTER 2, 2021/2022

WEB APPLICATION DEVELOPMENT

SECTION 1

GROUP FINAL REPORT: TOURISM MANAGEMENT SYSTEM

GROUP 6

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1. Introduction of the project

Tourism is one of the biggest contributions for the economy in almost every country. For our project it is about a tourism system where people can book their flight ticket and hotel. We specifically built the booking system to Mulim countries so people can learn about islamic culture from other countries. This system manages the tourism package where people can book through the agents and employees. The system is used by the employee, admin and agents to manage the tour package booked by customers. There will be log in page, main page, package management, agent management, advertisements and rental management.

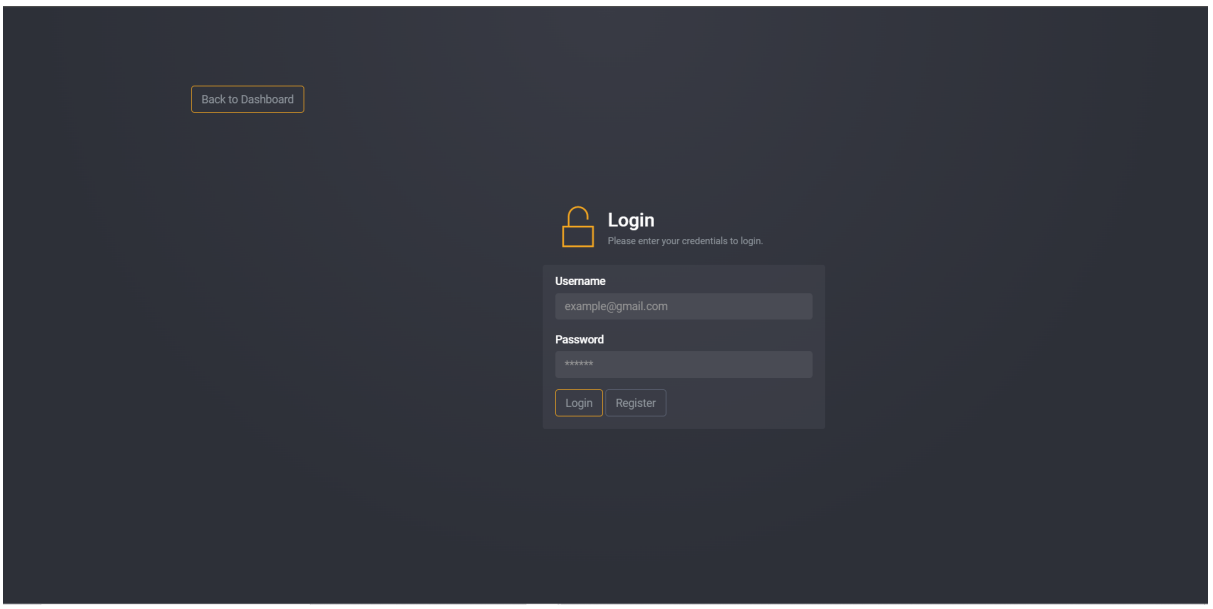
2. Objective

The purpose of this website is to manage tourism plans booked by the customers. It is to help the agents, employees and admin to manage the package they choose, tickets, vehicle and home rental during the travel and also agents that communicate with the customers.

3.0 Features and functionalities of the proposed web application.

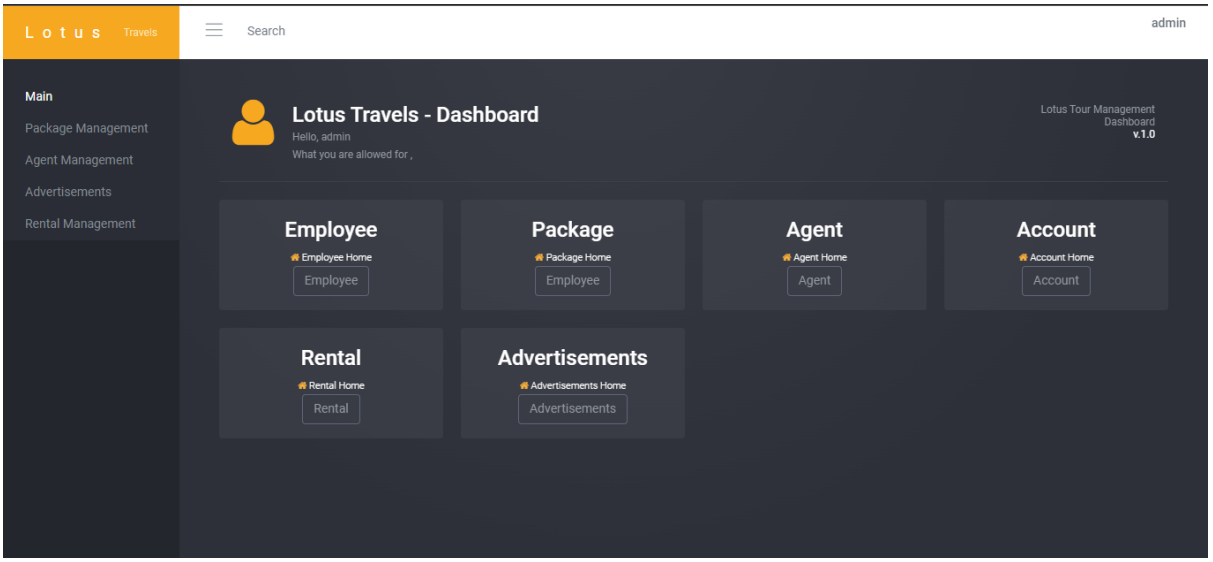
3.1 Log in Page

Login page is where the user will log into the system. This page will ask for user authentication.



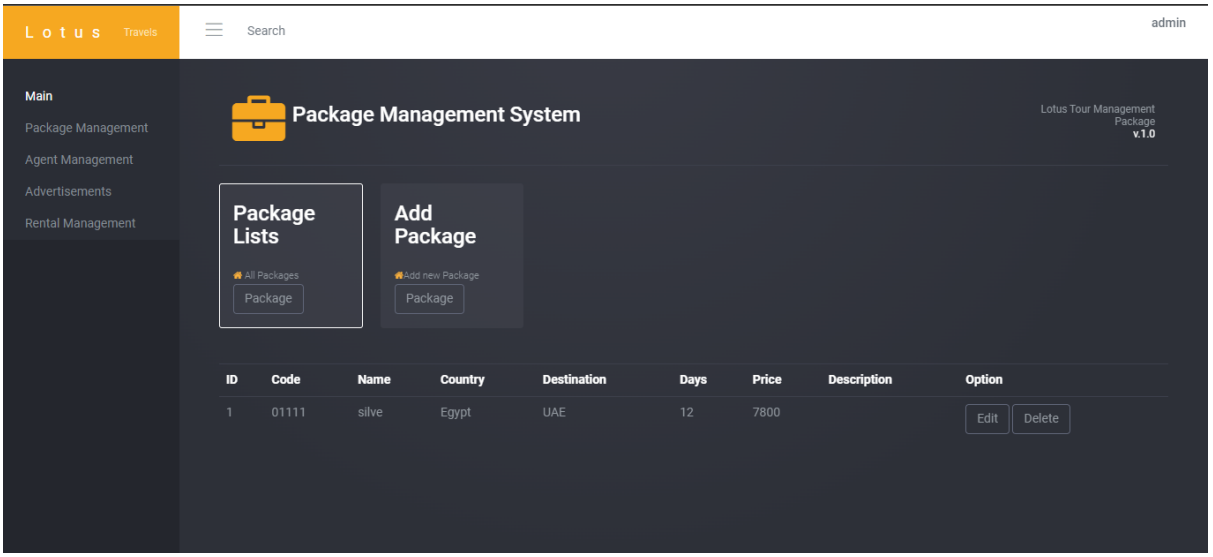
3.2 Main page

In the main page which is the admin dashboard. There will be an Agent, Package and Rent page where the admin can go to each page to add, edit, update and delete the information of the agents, tour package and vehicle and house rental.



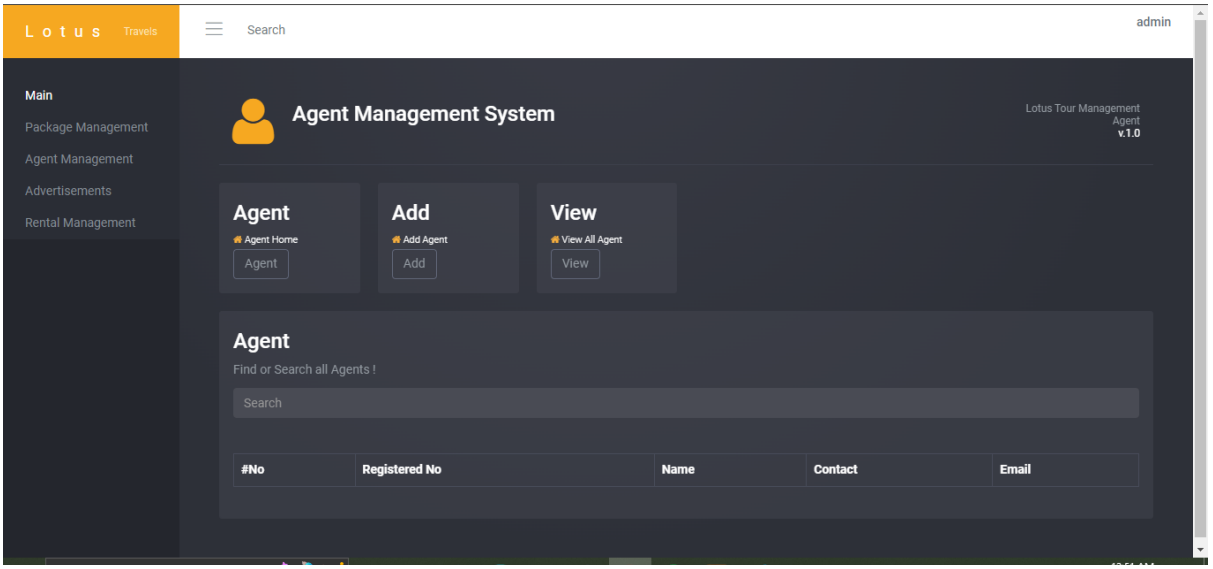
3.3 Package Management System

Package management system is where the user can see the package list and add, edit and delete packages that are already in the system.

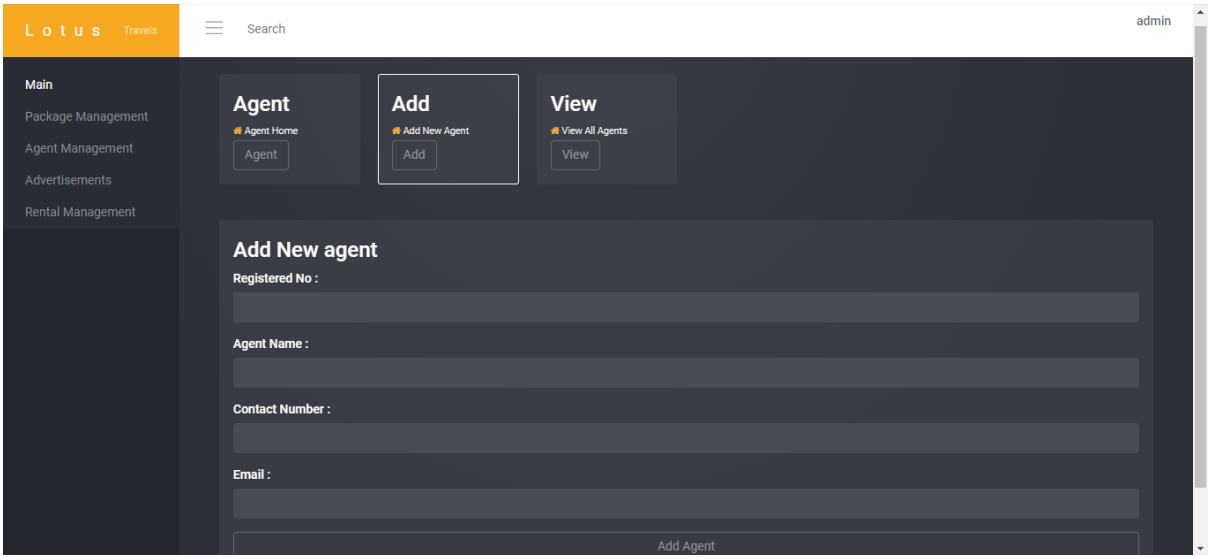


3.4 Agent Management System

Agent management system page is where the admin can manage the agents of Lotus Travels. The agent home button where it will direct the user to ‘Agent Home’ where the user can search and find all search. The next button in the Agent Management System page, ‘View all Agent’ where they can view all agents.



The ‘Add Agent’ button will direct the admin to the form where they can add a new agent into the system.

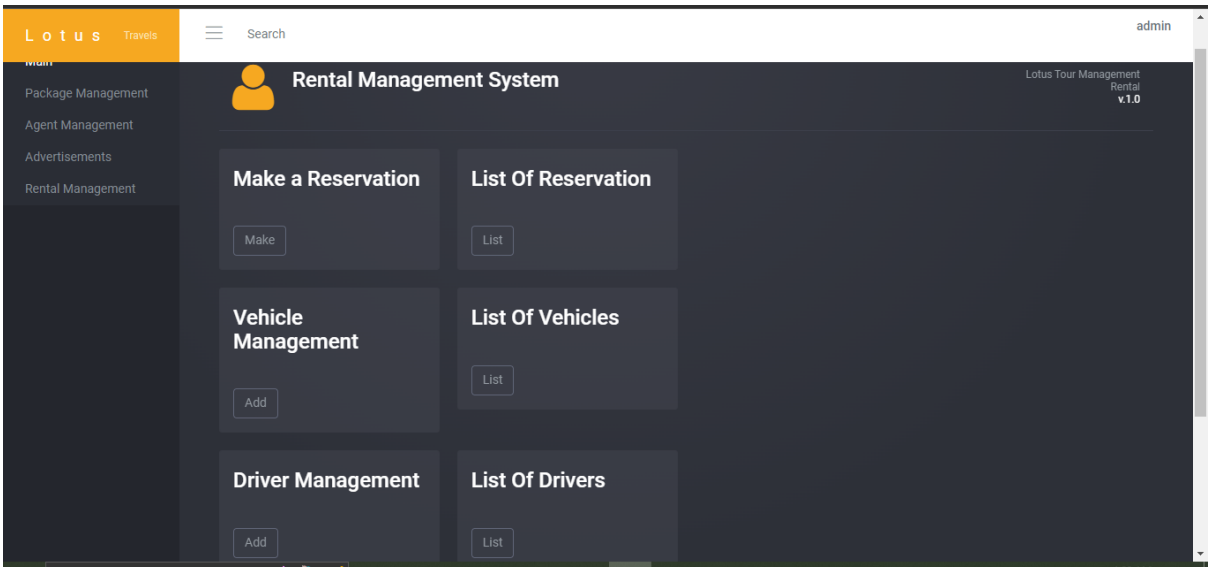


3.5 Rental Management System

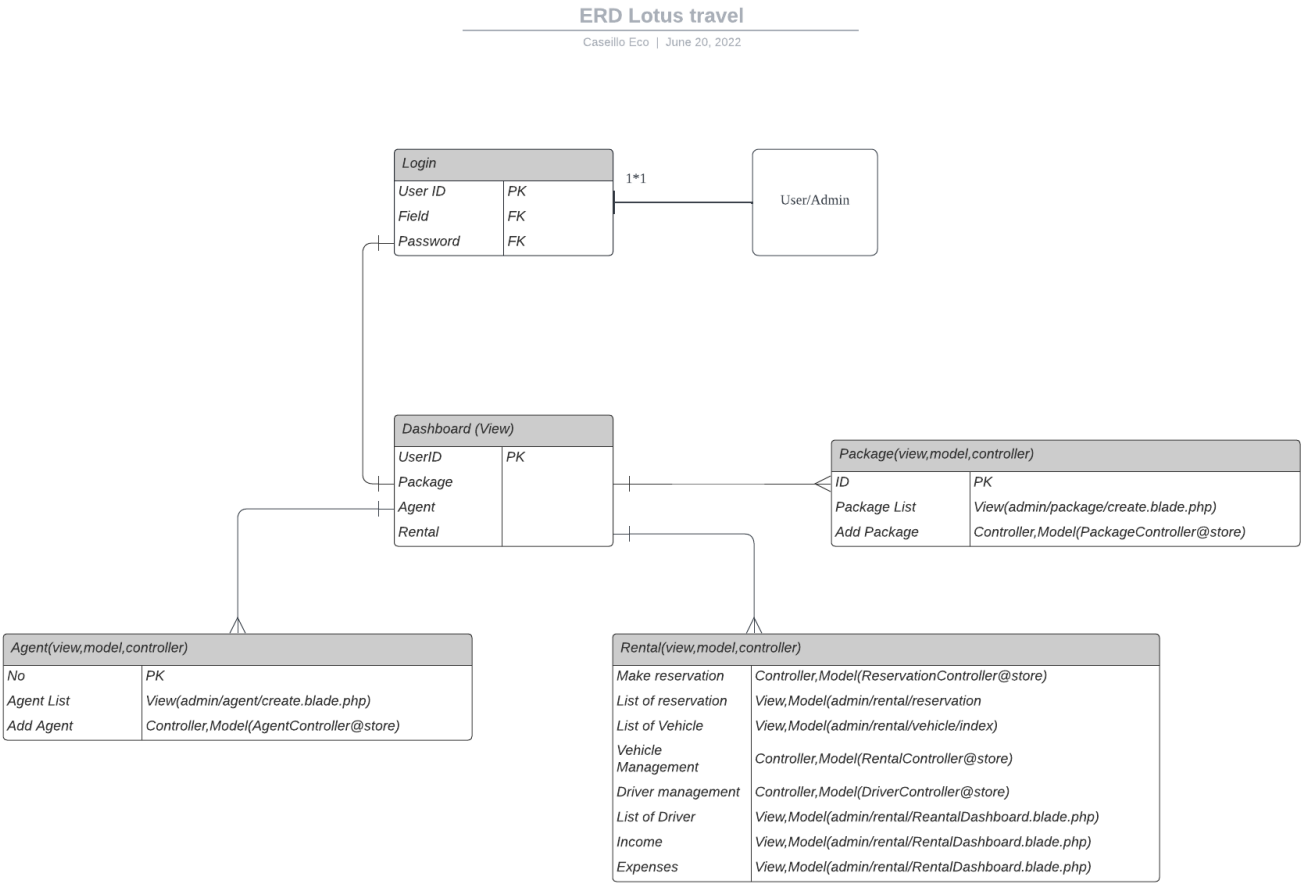
Rental management system page has functions and features such as Reservation, List of Reservation, Vehicle management, List of Vehicle, Driver management, List of Drivers,

Incomes and Expenses. Basically, this page controls the management of vehicles and drivers renting of the Lotus Travel Company.

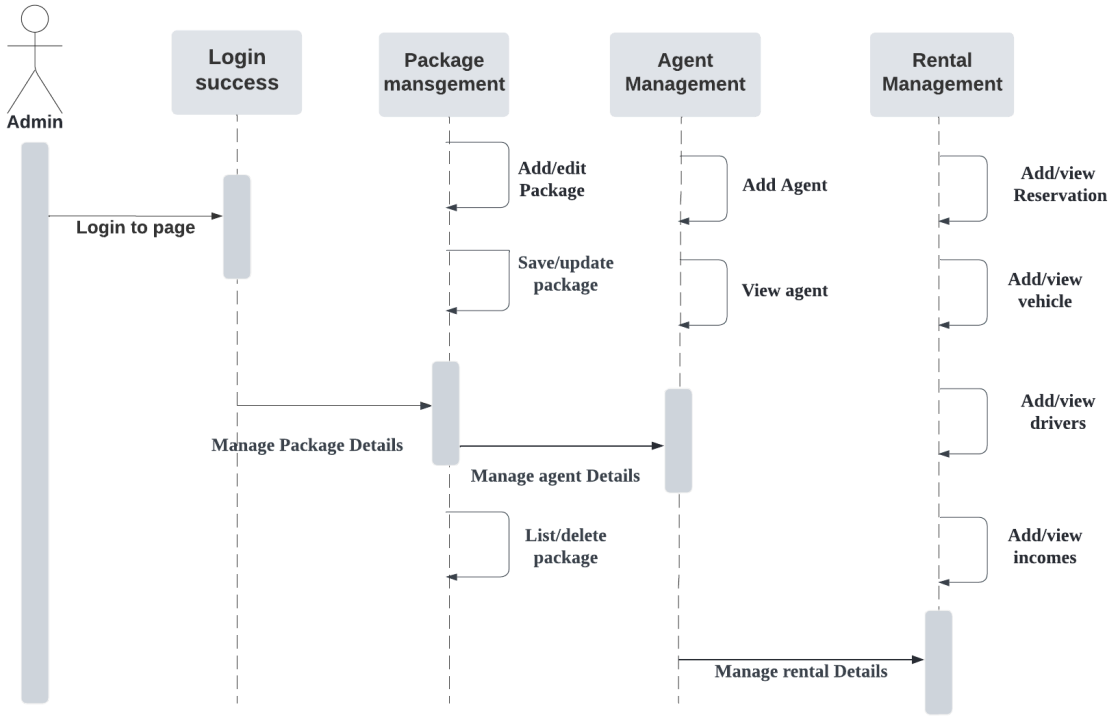
In this page, admin can make vehicle reservations, view the list of vehicles and drivers, view the expenses and incomes of the vehicle renting, and add or edit drivers information.



4. ER Diagram


ERD Lotus travel
Caseillo Eco | June 20, 2022
Login
User ID PK
Field FK
Password FK
1*1
User/Admin
Dashboard (View)
UserID PK
Package
Agent
Rental
Package(view,model,controller)
ID PK
Package List View(admin/package/create.blade.php)
Add Package Controller,Model(PackageController@store)
Agent(view,model,controller)
No PK
Agent List View(admin/agent/create.blade.php)
Add Agent Controller,Model(AgentController@store)
Rental(view,model,controller)
Make reservation Controller,Model(ReservationController@store)
List of reservation View,Model(admin/rental/reservation
List of Vehicle View,Model(admin/rental/vehicle/index)
Vehicle Management Controller,Model(RentalController@store)
Driver management Controller,Model(DriverController@store)
List of Driver View,Model(admin/rental/ReantalDashboard.blade.php)
Income View,Model(admin/rental/RentalDashboard.blade.php)
Expenses View,Model(admin/rental/RentalDashboard.blade.php)

5. Sequence diagram



6.0 Reference

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- Evangelista, A. (2022, May 4). *Tour and travel management system project in Laravel with source code*. Itsourcecode.com. Retrieved June 1, 2022, from https://itsourcecode.com/free-projects/laravel/tour-and-travel-management-system-project-in-laravel-with-source-code/