

# Project proposal on Car Rental management system

Simple solution for booking cars

## Consultant

Md. Moshaidul Islam

PWAD.idb-bisew IT scholarship

Email : moshaidul@gmail.com

## Instructor

Farhana Akter Lucky

PWAD.idb-bisew IT scholarship

Email : farhanawdpf@gmail.com

## Developed by

Name: Sharmony Hashem Shawon

ID:1285366

Round:62/NCLC-m/62/01

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**The Consultant**

PWAD, IDB-BISEW

Sher-e-Bangla Nagar, Dhaka

**Subject: Project Proposal for Car Rental Management System**

Dear Sir,

I am writing to propose an innovative project for the development of a **Car Rental Management System**. This project is aimed at providing an efficient and user-friendly solution to meet the growing demand for car rental services.

The proposed system will allow customers to browse available cars, make reservations, and complete payments easily through an intuitive platform. The goal is to simplify the car rental process, making it more accessible for customers while helping businesses manage their rental operations effectively.

Thank you for considering this proposal. I look forward to the opportunity to discuss this project further and explore the possibility of its implementation.

Sincerely,

**MD. Al-Amin**

Trainee ID:1285366

Batch: PWAD/NCLC-M/62/01

Email: s.sawon2001@gmail.com

# Introduction

The Car Rental Management System (CRMS) is an online platform that enables users to rent cars for short or long-term usage and provides rental businesses with an efficient way to manage their fleet, customers, and transactions. The system will streamline the process for both customers and car rental service providers, offering seamless booking, payment management, and tracking services.

# Index of the project

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# Objectives:

## For Customers:

- ▶ Search and filter cars based on availability, type, and price.
- ▶ Make online bookings and payments securely.
- ▶ View booking history and manage upcoming rentals.
- ▶ Receive booking confirmations via email.

## ▶ For Rental Businesses(Admin):

- ▶ Manage the car fleet (add, update, or remove cars).
- ▶ View and manage customer bookings.
- ▶ Process customer payments and track rental history.
- ▶ Generate reports on revenue and car usage.

# Software feature

## **Customer Module:**

- User Registration/Login
- Car Search & Booking
- Booking Details
- Booking & Payment
- Booking History
- Rating & Review System

## **Admin Module (Car Rental Company):**

- Car Fleet Management
- Booking Management
- Payment Management
- Reporting

## **Other Features:**

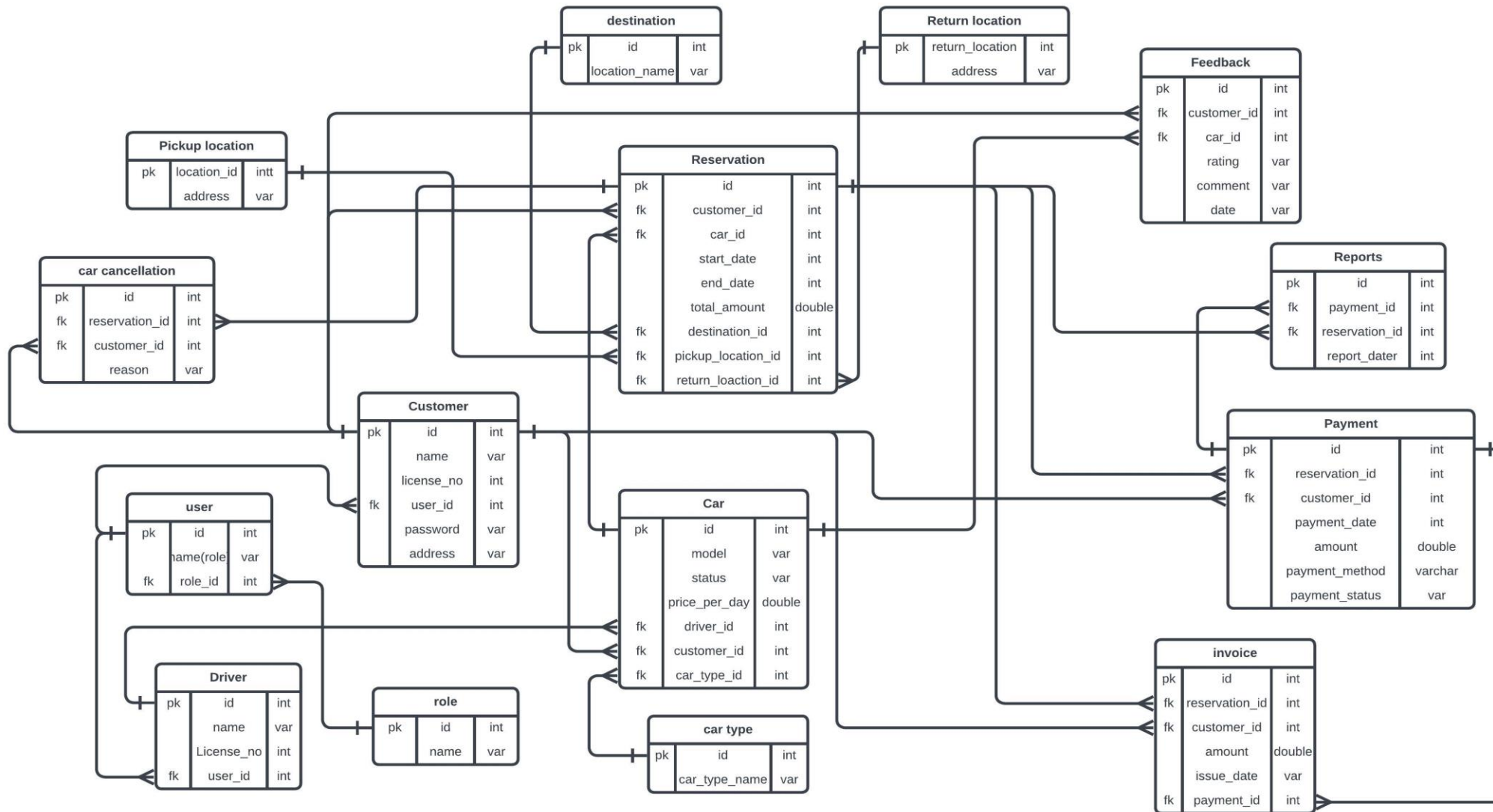
- Responsive Design
- Email Notifications
- Admin Dashboard

# Gantt Chart

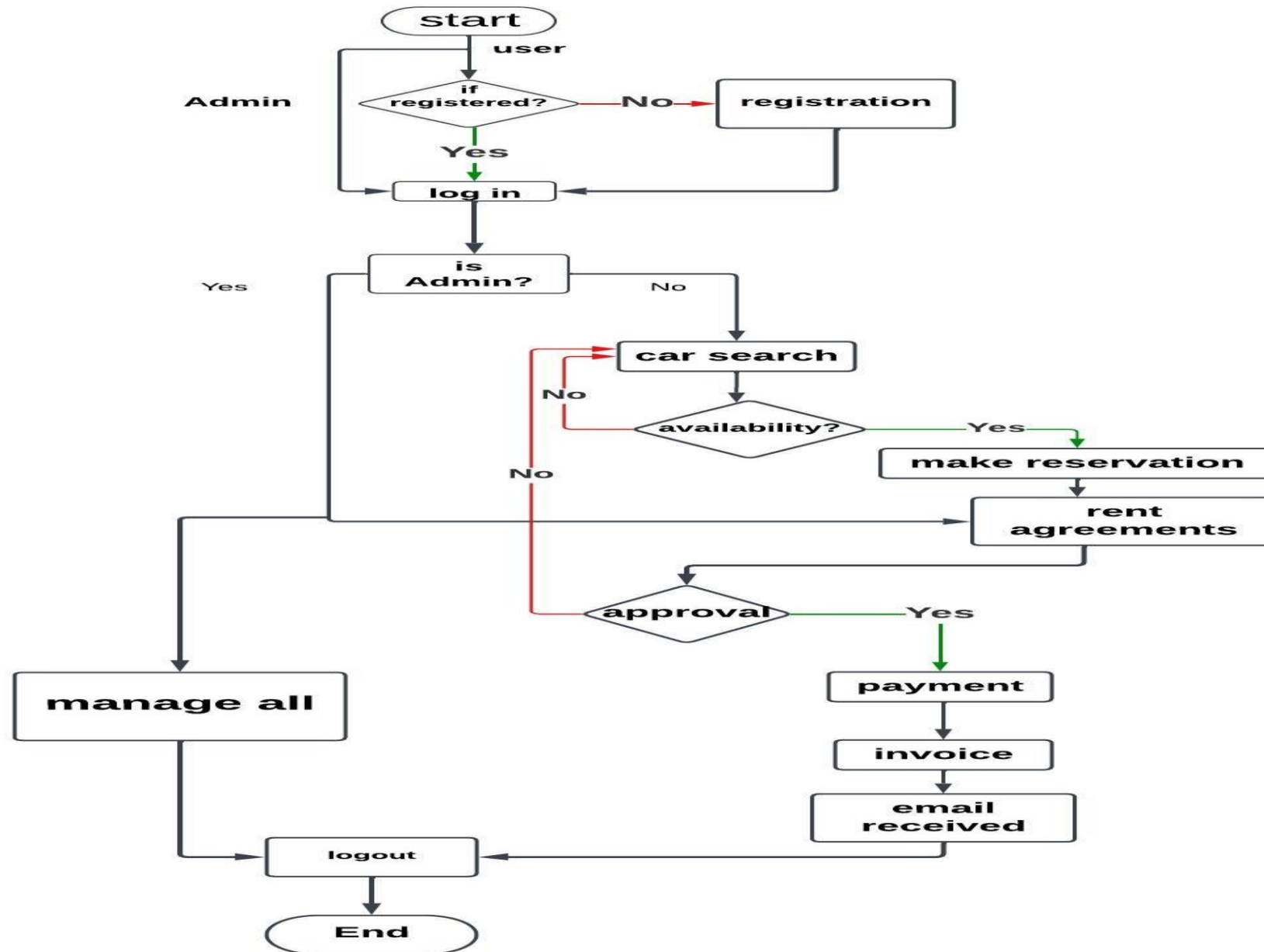
Task	DAY-10	DAY-10	DAY-10	DAY-10	DAY-10	DAY-10
Requirement Analysis						
System Design						
Implementation						
Testing						
Deployment						
Maintenance						
Documentation						



# ERD Diagram of Car Rental System



# Flow chart of Car Rental System



# Admin | Sign in

YOUR USERNAME

PASSWORD

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## Technologies:

- Frontend:Html,CSS,Bootstrap,Javascript
- Backend:PHP
- Database:MySQL

## Implementation Steps:

1. Requirements Gathering
2. Database Design
3. Frontend Development
4. Backend Development
5. Payment Gateway Integration
6. Testing
7. Deployment
8. Post-Launch Support

## Project Timeline:

Phase	Duration	Description
Phase 1: Requirements Analysis	5 days	Gather and document user needs, car data, and requirements.
Phase 2: Design & Database Setup	5 days	Create wireframes and implement the database schema.
Phase 3: Frontend Development	4 days	Develop the user interface using HTML, CSS, Bootstrap, and JavaScript.
Phase 4: Backend Development	8 days	Implement PHP scripts for user authentication, booking, and admin functionalities.
Phase 5: Payment Integration	3 days	Integrate payment gateway and test transactions.
Phase 6: Testing	3 days	Test all functionalities including usability and security.
Phase 7: Deployment	2 days	Host the project and perform final checks.
Total Duration	30 days	





# Thank you

For being with us .....