# Ishimwe Newland

# 23660

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**Safaris Logistics management**

# Project Requirements:

**Functional Requirements:**

User Registration: Allow clients to create user accounts.

Trips Listings: Provide a platform to see to list of booked trips.

Create new trips : provide a platform to create new trips for new or already saved clients.

# User Roles:

Client Users: Those seeking transport services can register, and book for vehicles.

# Security and Privacy:

User Authentication: Implement secure login and registration processes to protect user accounts.

Confidentiality: Ensure that personal information and application materials are securely stored and accessible only to authorized individuals.

# Intuitive User Interface and Experience:

Design an easy-to-use and visually appealing interface for both clients and contractors. Streamline the application process, making it straightforward and user-friendly.

# Project Plan:

**Project Scope:**

Develop an online platform to connect clients with contractors for travel facilities. Provide a user-friendly interface for clients to book travel means.

Implement essential features like user registration, sort functionality and pagination.

Ensure security and privacy measures are in place to protect user data.

# Project Timeline:

Phase 1: Project Planning and Requirements Gathering Duration 3days

Tasks:

* Define project goals and objectives.
* Identify key features and functional requirements.
* Conduct market research and competitor analysis.

Phase 2: Design and Development Duration 8 days

Tasks:

* Design the user interface and experience.
* Develop user registration functionalities.
* Implement student listing, pagination and sort functionality.
* Develop the back-end infrastructure and database.
* Perform rigorous testing and bug fixing.

# Source Codes:

Source codes are found on this GitHub link:

# Database Schema:

**User Documentation:**

The User needs to create an account in order to have credentials that allows him/her to access the platform.

The User will be redirected to the bookings page where he will be able to make bookings and submit them after he sees the list all bookings. From there he will be able to make some edit or delete. And also, he can navigate to different pages because pagination is implemented and sorting but only on names.

# Technical Documentation

The application was designed using thymeleaf and springboot on the backend Here are some dependencies I used

* Thymeleaf
* Spring web
* Mysql Driver
* Spring Data JPA
* Spring Devtools
* Lombook