**Purpose of the Document**

Use the Test Plan document to describe the testing approach and overall framework that will drive the testing of the project.

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# Introduction

## Purpose

The purpose of this test plan is to describe how I will test the rental system to ensure it works correctly. This includes checking features like login, registration, and role management. I will also make sure it meets the needs of the users and doesn’t break during normal use.

## Project Overview

This project involves a rental system that allows users to register, log in, and manage their accounts. The goal is to ensure that all main functions, like user authentication and role-based access, work smoothly and are secure.

# Scope

## In-Scope

I will test the login and registration features to ensure users can access their accounts. Check that passwords are stored securely, and roles (like admin or regular users) are assigned correctly. Also, the booking creation/update process.

Test how the system interacts with the database to ensure data is saved and retrieved properly.

**Controller:**

* CustomerController
* AuthController

**Services/Interfaces:**

* UserService
* BookingService

## Test Assumptions

## Functional Testing

* Testing the login and registration features.
* Verifying workflows for admin and regular users.
* Checking CRUD operations for booking.
* Testing specific error scenarios.

## Regression Testing

*Specify what features are to be tested.*

# Dependencies

*Identify any dependencies on testing, such as test-item availability, testing-resource availability, and deadlines.*