# **TEST PLAN**

# Scope

The primary focus of this document is to check data in the report output and test the GUI by the client-provided requirements specifications.

* Login to the system
* Add, modify or remove information about the book from the database
* Check the availability of the book
* Add, modify or remove information about the users from the database
* View the list of library users
* Search the book by author or title

# Objectives

The main objectives of this test plan are to ensure the accuracy of data in the report output and validate the graphical user interface (GUI) against the client-provided requirements specifications. The testing activities will focus on key user and book management functionalities within the system.

1. Login Functionality:

* Objective: To verify that users can successfully log in to the system using valid credentials.

1. Book Management:

* Objective: To validate the functionality of adding, modifying, and removing book information from the database.

1. Check Book Availability:

* Objective: To confirm the accurate availability status of a book.

1. User Management:

* Objective: To validate the functionality of adding, modifying, and removing user information from the database.

1. View List of Library Users:

* Objective: To confirm that the system displays an accurate and up-to-date list of library users.

1. Search Book by Author or Title:

* Objective: To validate book search functionality based on author or title.