Campus BookShare Test Plan

1. Features to be Tested

- User Registration and Login

- Create New Book Listing

- View Book Details

- Reserve a Book

- Messaging System

- Dashboard View

- Reviews and Ratings (Optional)

2. Types of Testing

- Manual Unit Testing: Test small pieces of logic like login, form validation

- System Testing: Test entire workflows like listing a book and reserving it

- User Acceptance Testing: Simulate a real student using the app to ensure usability

3. Testing Method

- Manual Walkthroughs: Tester manually follows the app's flows (login, dashboard, create listing)

- Checklists: Checklist of expected behaviors for each feature

- Screenshots: Capture UI screens during test runs to verify appearance

- Expected vs Actual Results: Log what was supposed to happen and what really happened

4. Example Test Cases

Test Case ID	Feature	Input	Expected Result	Actual Result
TC01	User Registration	Valid email and password	New user created and redirected to dashboard	Pass / Fail
TC02	User Login	Correct credentials	User logs in successfully	Pass / Fail
TC03	Create Listing	Fill out all fields	New book appears on dashboard	Pass / Fail
TC04	View Book Details	Click book title on dashboard	Book detail page loads	Pass / Fail
TC05	Reserve Book	Click "Reserve" on available book	Reservation confirmed	Pass / Fail

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TC06	Messaging	Send a message to book owner	Message appears in inbox	Pass / Fail
TC07	Dashboard Listings	Load dashboard page	Listings show correctly	Pass / Fail
TC08	Validation (Empty Fields)	Submit empty listing form	Error message shown	Pass / Fail
TC09	Logout	Click logout button	User session ends and redirected to login page	Pass / Fail