Test Plan – Parabank Project

**1. Project Name:**

Parabank YAT381B\_G(1)

**2. Version:**

v1.0

**3. Prepared By:**

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**4. Date:**

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**5. Objective:**

To validate the functional and non-functional requirements of the Parabank online banking application through both manual and automated testing approaches using Selenium and Postman.

**6. Scope of Testing:**

The testing will cover the following functionalities:

- User Registration & Login

- Open New Account

- Transfer Funds

- View Transaction History

- Bill Payment

**7. Test Types:**

- Manual Functional Testing

- UI Automation Testing using Selenium

- API Testing using Postman

- Regression Testing

**8. Test Environment:**

- Browser: Chrome / Microsoft edge

- OS: Windows

- Tools: Selenium, Postman, JIRA, IntelliJ, JMeter (optional)

**9. Entry Criteria:**

- Requirements are clear and approved

- Test environment is set up

- Tools are installed and configured

**10. Exit Criteria:**

- All test cases executed

- No critical bugs remain

- Test reports are submitted

**11. Deliverables:**

- Test Plan Document

- Test Cases (Excel)

- Manual Test Execution Results

- Bug Reports (JIRA)

- Automation Code (GitHub)

- Execution Reports

- Optional: Video Demo

**12. Risks & Mitigation:**

Risk | Mitigation

Tools setup failure | Use pre-configured virtual environments

Unclear requirements | Frequent communication with mentor/supervisor