QA MANUAL TESTING PROJECT DIGITAL BANK

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1. Project Name:
Digital Bank Manual Testing Project

2. Objective:
To manually test core functionalities of an online banking application for customers. Ensure the app is stable, secure, and performs as expected in various real-world scenarios.

3. Scope of Testing:

☑ In Scope:

- Login/logout

- View account balances & transaction history

- Transfer funds

- Update contact info

- Open new accounts

- Request loans

✗ Out of Scope:

- Admin panel

- Mobile app version

- Third-party integrations (e.g., email or SMS)

4. Test Types to be Performed:

- Functional Testing

- UI Testing

- Exploratory Testing

- Boundary Value & Equivalence Partitioning

- API Testing (with Postman)

- Basic SQL Validation

5. Test Deliverables:

- Test Plan

- Test Cases

- Bug Reports

- Traceability Matrix

- Test Data

- Exploratory Session Notes

- SQL Queries

- Postman API collection

- GitHub Repository

6. Test Environment:

- URL: https://parabank.parasoft.com/parabank/index.htm
- Browser: Chrome (with DevTools for inspection)
- OS: Windows 10/11
- No test credentials needed; uses dummy login

7. Entry Criteria:

- Application is accessible
- Basic feature list identified
- Test cases designed and reviewed

8. Exit Criteria:

- All planned test cases executed
- All critical/high bugs reported and verified
- Test report submitted
- Artifacts uploaded to GitHub

9. Roles & Responsibilities:

- QA Engineer:
  - Create test cases
  - Execute test cases
  - Report bugs
  - Maintain project documentation

10. Tools to be Used:

Tool	Use
Excel / Google Sheets	Test cases, bugs, traceability
Chrome DevTools	UI & console checks
Postman	API Testing
SQLite / MySQL Workbench	Mock SQL queries
GitHub	Publish the full project
Lightshot / Snipping Tool	Bug screenshots