**Project Plan Document Outline**

**1. Project Title:**

* Banking Application Automation Testing

**2. Objective:**

* To automate critical banking functionalities using Python and Selenium, ensuring the application meets key functional, security, and performance standards**.**

**3. Scope:**

* **Functionalities to be Tested**:
  + **Login and Authentication**: Verify secure login and multi-factor authentication.
  + **Account Management**: Profile creation, updates, and security checks.
  + **Funds Transfer**: Test various transfer limits and scenarios.
  + **Transaction History**: Confirm transaction logs, search filters, and export functions.
  + **Balance Inquiry**: Validate balance accuracy after different transactions.
* **Out of Scope**:
  + Backend database testing, as this project focuses on front-end functionality with Selenium.
  + Non-web application features (like mobile app testing).

**4. Tools and Environment:**

* **Tools**:
  + **Selenium with Python**: For automation scripting.
  + **JIRA or Excel**: For bug tracking.
  + **Allure/TestRail**: For reporting (or another test reporting tool if available).
* **Test Environment**:
  + **Web Browsers**: Chrome, Firefox, Edge.
  + **Operating System**: Windows 10 or Ubuntu.

**5. Timeline:**

* **Week 1**: Develop and finalize test strategy and test cases.
* **Week 2-3**: Script automation for core functionalities.
* **Week 4**: Bug reporting, tracking, and reporting.
* **Week 5**: Documentation of test metrics, summary report, and final project review.

**6. Deliverables:**

* Test Strategy Document
* Test Cases Document
* Automation Scripts
* Bug Reports
* Test Metrics Report
* Test Summary Report