Test Plan

Application : **Automation Test Store** (https://automationteststore.com/)

Test Strategy

1. Test Approach

- Frontend Testing : Manual + Playwright (Automation)
- Backend Testing : Postman (Manual) + Playwright(Automation)
- Mobile : Manual
- Cross Browser/Platform : Chrome, Firefox (Web) ;
  Android 15, iOS 18 (Mobile)

2. Risk Assessment and Mitigation

Risk	Imapact	Mitigation Strategy
Changing Requirements and Lack of standardized testing process	High	Use Agile Model
Delay in Build release	High	Inform Stakeholders, Clients and the team
Resource Risk	Medium	Considering only the required Features for the release
Lack of Automation Test Coverage	Medium	Prioritize important business flows

3. Test Environment Requirements

- Web Browsers : Latest Chrome, Firefox
- Mobile Devices : Android 14+, iOS 16+
- Test Frameworks : Playwright (Web/API)
- API Testing : Postman
- CI/CD : Jenkins
- Test Data : Dummy Accounts

4. Tools Recommendation

- Web Automation : Playwright
- API Testing : Postman/Playwright
- Test case Management : Google Sheets
- Bug Tracking : JIRA
- CI/CD : Jenkins
- Reporter : Allure/ HTML

5. Timeline Estimation

- Test Planning and Test data : 0.5 day
- Test Case Writing : 0.5 day
- Bug Reporting : 0.5 day
- Automation : 1 day
- Presentation : 1 day