**Title: QA Automation Test Plan – TMDB Discover Demo**

**1. Introduction**

* Application: TMDB Discover Demo (<https://tmdb-discover.surge.sh/>)
* Type: Movie and TV show listing simulation
* Purpose: Validate filtering, pagination, API responses, and front-end functionality

**2. Scope**

* Functional testing: Categories, Titles, Type, Year, Rating, Genre, Pagination
* API testing: Validate endpoints, JSON structure, status codes
* Reporting: Logging, console, and HTML reports

**3. Objectives**

* Verify UI functionality works as expected
* Validate API responses match UI
* Capture defects and report clearly

**4. Resources**

* Tools: Python, Selenium, Pytest, Requests, Pytest-HTML, Logging
* Environment: Windows 10, Chrome browser
* Test Data: movies.json from API

**5. Schedule**

* Planning: 1 day
* Script development: 2–3 days
* Test execution & reporting: 1 day

**6. Risks**

* API may timeout occasionally
* Some pagination pages may fail due to demo limitations