# HP-Capstone(SR)

Here's how we can approach this, combining test case design with Jira dashboard URL : https://ascendionlearning.atlassian.net/jira/software/c/projects/SR/summary

**The Structure Followed :**

**Sprints - 2**

- SR Sprint 1
- SR Sprint 2

**Epics - 2**

- Saucedemo Testing (SR Sprint 1)
- API Postman Testing (SR Sprint 2)

**Stories - 8**

**Saucedemo Testing Stories :**

- As a tester, I want to design test cases for the login page.
- As a tester, I want to design test cases for the login page.
- As a tester, I want to design test cases for the cart page.

**API Postman Testing Stories :**

- GET List of Objects
- POST Create New Object
- PATCH Update Object
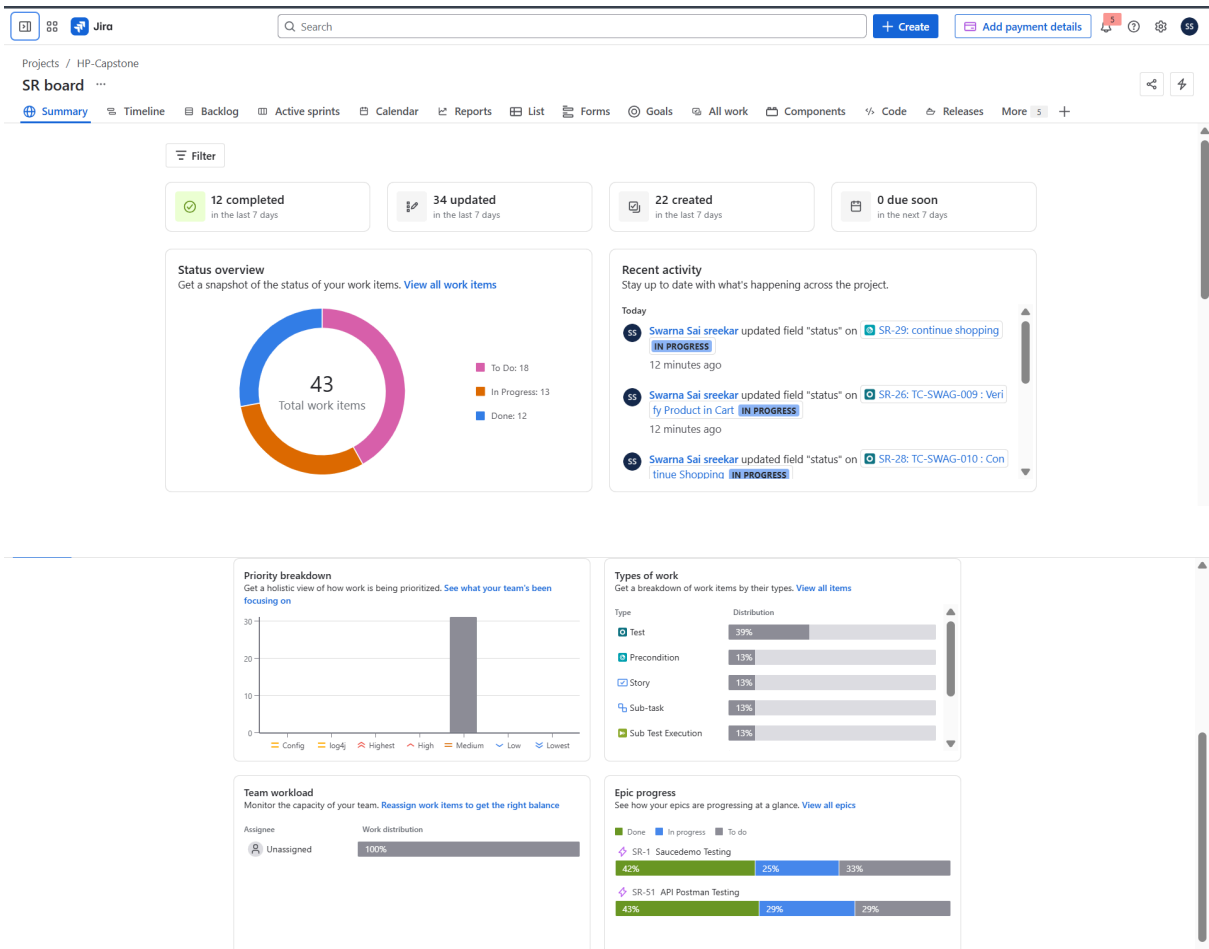- DELETE Object
- GET Single Object

**Tasks - 16**

**Tests - 16**
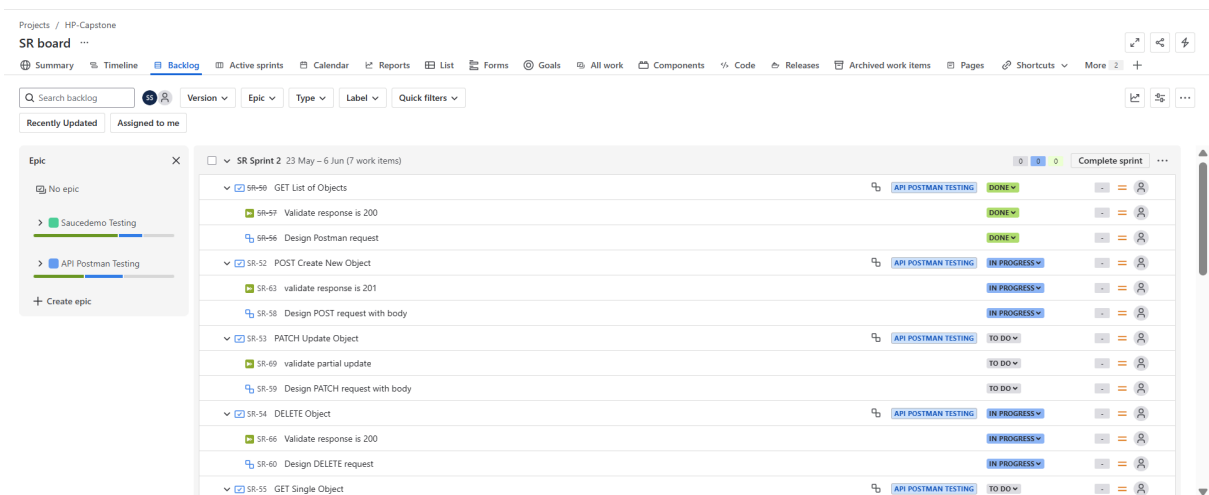
**Test Executions - 17**

**Pre-Conditions - 9**

**Bugs - 1**

Application URLs : https://www.saucedemo.com/ , https://api.restful-api.dev/objects

# 1. SR Board :



# 2. Backlog :

# 3. Active Sprint(sprint-2) :

Projects / HP-Capstone
**SR board** ⋯

🌐 Summary ⏱ Timeline 📋 Backlog ▣ Active sprints 📅 Calendar 📊 Reports ☰ List 📄 Forms ◎ Goals ◷ All work 📦 Components ⟨/⟩ Code ⟳ Releases 🗄 Archived work items 📄 Pages 🔗 Shortcuts ⌄ More 2 +

🔍 Search board  👤 S3  Epic ⌄  Type ⌄  Label ⌄  Quick filters ⌄    **Complete sprint** ⟳  Group: Stories 📈 ⚙ ⋯

| TO DO 7 | IN PROGRESS 6 | DONE 5 | + |
|---|---|---|---|
| ⌄ ☑ SR-50 GET List of Objects (2 subtasks) `API POSTMAN TESTING` `DONE` | | | |
| + Create | | Validate response is 200 ▶ SR-57 = 👤 | |
| | | Design Postman request ⌖ SR-56 = 👤 | |
| ⌄ ☑ SR-52 POST Create New Object (2 subtasks) `API POSTMAN TESTING` `IN PROGRESS` | | | |
| + Create | validate response is 201 ▶ SR-63 = 👤 | | |
| | Design POST request with body ⌖ SR-58 = 👤 | | |

# 4. SR List :

# Sprint -1

| ☐ | Type | Key | Summary | Status | Comments | Sprint | Assignee | Priority | Labels | + |
|---|---|---|---|---|---|---|---|---|---|---|
| ☐ | ⌄ ⚡ | SP-1 | Saucedemo Testing | TO DO | 💬 Add comment | | | = | | |
| ☐ | > ☑ | SP-2 | As a tester, I want to design test cases for the login page. | DONE | 💬 Add comment | ✓ SP Sprint 1 | | ︿ | | |
| ☐ | > ☑ | SP-3 | As a tester, I want to design test cases for the inventory page. | DONE | 💬 Add comment | ✓ SP Sprint 1 | | ︿ | | |
| ☐ | > ☑ | SP-4 | As a tester, I want to design test cases for the cart page. | DONE | 💬 Add comment | ✓ SP Sprint 1 | | = | | |
| ☐ | ◈ | SP-13 | TC-SWAG-001: Login with Valid Credentials | TO DO | 💬 Add comment | | | = | testcase | |
| ☐ | ◎ | SP-14 | TC-SWAG-001: Login with Valid Credentials | TO DO | 💬 Add comment | | | = | login testcase | |
| ☐ | ◎ | SP-15 | Verify that a user can log in with valid credentials. | TO DO | 💬 Add comment | | | = | login testcase | |
| ☐ | ◎ | SP-16 | Verify that a user can log in with valid credentials. | TO DO | 💬 Add comment | | | = | login testcase | |

| ☐ | Type | Key | Summary | Status | Comments | Sprint | Assignee | Priority | Labels | + |
|---|---|---|---|---|---|---|---|---|---|---|
| ☐ | ◎ | SP-17 | TC-SWAG-002 : Login with Invalid Credentials | TO DO | 💬 Add comment | | | = | login testcase | |
| ☐ | ◎ | SP-18 | Login with Invalid Credentials | TO DO | 💬 Add comment | | | = | login testcase | |
| ☐ | ◎ | SP-19 | TC-SWAG-003 : Login with Empty Credentials | TO DO | 💬 Add comment | | | = | login testcase | |
| ☐ | ◎ | SP-24 | TC-SWAG-004 : Login with valid credentials | TO DO | 💬 Add comment | | | = | | |
| ☐ | ◎ | SP-20 | TC-SWAG-005 : Add Product to Cart | TO DO | 💬 Add comment | | | = | Fuctional testca | |
| ☐ | ◎ | SP-21 | Pre-Conditions for Inventory Page | TO DO | 💬 Add comment | | | = | Fuctional testca | |
| ☐ | ◎ | SP-22 | TC-SWAG-006 : Verify Product Details | TO DO | 💬 Add comment | | | = | Fuctional testca | |
| ☐ | ◎ | SP-23 | TC-SWAG-007 : Sort Products by Name (A-Z) | TO DO | 💬 Add comment | | | = | Fuctional testca | |

| ☐ | Type | Key | Summary | Status | Comments | Sprint | Assignee | Priority | Labels | + |
|---|---|---|---|---|---|---|---|---|---|---|
| ☐ | ◎ | SP-23 | TC-SWAG-007 : Sort Products by Name (A-Z) | TO DO | 💬 Add comment | | | = | Fuctional testca | |
| ☐ | ◎ | SP-25 | TC-SWAG-008 : Add Non-Existent Product to Cart | TO DO | 💬 Add comment | | | = | Fuctional testca | |
| ☐ | ◎ | SP-26 | TC-SWAG-009 : Verify Product in Cart | TO DO | 💬 Add comment | | | = | Fuctional testca | |
| ☐ | ◎ | SP-27 | Pre-Conditions for cart page | TO DO | 💬 Add comment | | | = | Fuctional testca | |
| ☐ | ◎ | SP-28 | TC-SWAG-010 : Continue Shopping | TO DO | 💬 Add comment | | | = | Fuctional testca | |
| ☐ | ◎ | SP-29 | continue shopping | TO DO | 💬 Add comment | | | = | Fuctional testca | |
| ☐ | ◎ | SP-30 | TC-SWAG-011 : Proceed to Checkout | TO DO | 💬 Add comment | | | = | Fuctional testca | |
| ☐ | ◎ | SP-31 | TC-SWAG-012 : Checkout with Empty Cart | TO DO | 💬 Add comment | | | = | Fuctional testca | |

| | Type | Key | Summary | Status | Comments | Sprint | Assignee | Priority | Labels | + |
|---|---|---|---|---|---|---|---|---|---|---|
| ☐ | | SP-32 | empty cart | TO DO | Add comment | | | = | Fuctional testca | |
| ☐ | | SP-49 | BUG-SWAG-001 | DONE | Add comment | ⊘ SP Sprint 1 | | = | Fuctional | |
| ☐ | ▶ | SP-33 | Ad-hoc execution for SP-14 | DONE | Add comment | | SS Swarna Sai sreekar | = | | |
| ☐ | ▶ | SP-34 | Ad-hoc execution for SP-17 | DONE | Add comment | | SS Swarna Sai sreekar | = | | |
| ☐ | ▶ | SP-35 | Ad-hoc execution for SP-19 | DONE | Add comment | | SS Swarna Sai sreekar | = | | |
| ☐ | ▶ | SP-36 | Ad-hoc execution for SP-24 | DONE | Add comment | | SS Swarna Sai sreekar | = | | |
| ☐ | ▶ | SP-37 | Ad-hoc execution for SP-20 | DONE | Add comment | | SS Swarna Sai sreekar | = | | |
| ☐ | ▶ | SP-38 | Ad-hoc execution for SP-22 | DONE | Add comment | | SS Swarna Sai sreekar | = | | |

| | Type | Key | Summary | Status | Comments | Sprint | Assignee | Priority | Labels | + |
|---|---|---|---|---|---|---|---|---|---|---|
| ☐ | ▶ | SP-37 | Ad-hoc execution for SP-20 | DONE | Add comment | | SS Swarna Sai sreekar | = | | |
| ☐ | ▶ | SP-38 | Ad-hoc execution for SP-22 | DONE | Add comment | | SS Swarna Sai sreekar | = | | |
| ☐ | ▶ | SP-39 | Ad-hoc execution for SP-23 | DONE | Add comment | | SS Swarna Sai sreekar | = | | |
| ☐ | ▶ | SP-40 | Ad-hoc execution for SP-25 | DONE | Add comment | | SS Swarna Sai sreekar | = | | |
| ☐ | ▶ | SP-41 | Ad-hoc execution for SP-26 | DONE | Add comment | | SS Swarna Sai sreekar | = | | |
| ☐ | ▶ | SP-42 | Ad-hoc execution for SP-28 | DONE | Add comment | | SS Swarna Sai sreekar | = | | |
| ☐ | ▶ | SP-43 | Ad-hoc execution for SP-30 | DONE | Add comment | | SS Swarna Sai sreekar | = | | |
| ☐ | ▶ | SP-44 | Ad-hoc execution for SP-31 | DONE | Add comment | | SS Swarna Sai sreekar | = | | |

# Sprint - 2

Search list | SS | Filter ⌄ | Group ⌄

| | | Type | Key | Summary | Status | Comments | Sprint | Assignee | Priority | Labels | + |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ☐ | ⌄ | ⚡ | SR-51 | API Postman Testing | TO DO | Add comment | SP Sprint 2 | | = | | |
| ☐ | ⌄ | ☑ | SR-50 | GET List of Objects | DONE | Add comment | SP Sprint 2 | | = | | |
| ☐ | | ▣ | SR-57 | Validate response is 200 | DONE | Add comment | SP Sprint 2 | | = | | |
| ☐ | | ⌘ | SR-56 | Design Postman request | DONE | Add comment | SP Sprint 2 | | = | | |
| ☐ | ⌄ | ☑ | SR-52 | POST Create New Object | IN PROGRESS | Add comment | SP Sprint 2 | | = | | |
| ☐ | | ▣ | SR-63 | validate response is 201 | IN PROGRESS | Add comment | SP Sprint 2 | | = | | |
| ☐ | | ⌘ | SR-58 | Design POST request with body | IN PROGRESS | Add comment | SP Sprint 2 | | = | | |
| ☐ | ⌄ | ☑ | SR-53 | PATCH Update Object | TO DO | Add comment | SP Sprint 2 | | = | | |

+ Create

Search list | SS | Filter ⌄ | Group ⌄

| | | Type | Key | Summary | Status | Comments | Sprint | Assignee | Priority | Labels | + |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ☐ | ⌄ | ☑ | SR-53 | PATCH Update Object | TO DO | Add comment | SP Sprint 2 | | = | | |
| ☐ | | ▣ | SR-69 | validate partial update | TO DO | Add comment | SP Sprint 2 | | = | | |
| ☐ | | ⌘ | SR-59 | Design PATCH request with body | TO DO | Add comment | SP Sprint 2 | | = | | |
| ☐ | ⌄ | ☑ | SR-54 | DELETE Object | IN PROGRESS | Add comment | SP Sprint 2 | | = | | |
| ☐ | | ▣ | SR-66 | Validate response is 200 | IN PROGRESS | Add comment | SP Sprint 2 | | = | | |
| ☐ | | ⌘ | SR-60 | Design DELETE request | IN PROGRESS | Add comment | SP Sprint 2 | | = | | |
| ☐ | ⌄ | ☑ | SR-55 | GET Single Object | TO DO | Add comment | SP Sprint 2 | | = | | |
| ☐ | | ▣ | SR-68 | validate assertion in the array contains | TO DO | Add comment | SP Sprint 2 | | = | | |

+ Create

| | Type | Key | Summary | Status | Comments | Sprint | Assignee | Priority | Labels | |
|---|---|---|---|---|---|---|---|---|---|---|
| ☐ | ▶ | SR-68 | validate assertion in the array contains | TO DO | 🗩 Add comment | SP Sprint 2 | | = | | |
| ☐ | ⤴ | SR-61 | Design GET request with the respective objectID | TO DO | 🗩 Add comment | SP Sprint 2 | | = | | |
| ☐ | ▣ | SR-70 | Pre-Requirements | DONE | 🗩 Add comment | SP Sprint 2 | | = | testcase | |
| ☐ | ▣ | SR-71 | Pre-requirement for GET and DEL requests | DONE | 🗩 Add comment | SP Sprint 2 | | = | testcase | |
| ☐ | ▣ | SR-62 | Validate 201 response | IN PROGRESS | 🗩 Add comment | | | = | | |
| ☐ | ▣ | SR-64 | Validate partial update | TO DO | 🗩 Add comment | | | = | | |
| ☐ | ▣ | SR-65 | Validate 200 response | DONE | 🗩 Add comment | | | = | | |
| ☐ | ▣ | SR-67 | Validate array contains | TO DO | 🗩 Add comment | | | = | | |

+ Create

# 5. Test Case Design for Saucedemo :

**Test Case Template:**

- **Test Case ID:** (e.g., TC-SWAG-001)
- **Test Case Name:** (e.g., Login with Valid Credentials)
- **Description:** (Detailed explanation of the test)
- **Preconditions:** (What needs to be in place before the test)
- **Steps:** (Detailed actions to perform)
- **Test Data:** (Input values)
- **Expected Result:** (What should happen)
- **Actual Result:** (What actually happens during the test execution)
- **Status:** (Pass/Fail)

**Test Case Sample (TC-SWAG-001) :**

# Test Case Execution Sample (TC-SWAG-001) :

☰ **TC-SWAG-001: Login with Valid Credentials**          ⓘ  [Execute with Exploratory App] [Dataset] [Import Execution Results]

| Execution Status | Timer | Started On | Assignee | Versions | Test Version |
|---|---|---|---|---|---|
| 🟩 PASSED 〈/〉⬜🟨🟥 | ▶ 00:00:00 ↺ | 25/Apr/2025 07:25 PM | Swarna Sai sreekar | - | v1 |
| | No time logged | **Finished On** | **Executed By** | **Revision** | **Test Environments** |
| | | 25/Apr/2025 07:25 PM | Swarna Sai sreekar | - | - |

> **Findings** ⊕

**Test details**  [MANUAL]

⌄ **Test Description**

- Test Cases for https://www.saucedemo.com/v1/index.html  (Login Page)
- Verify that a user can log in with valid credentials.

⌄ **Test Issue Links** ❶

⌄ **Test Issue Links** ❶

**is blocked by**

🔷 SP-15 Verify that a user can log in with valid credentials.                    ═ TO DO

⌄ **Preconditions** ❶

› SP-16 – **Verify that a user can log in with valid credentials.**

⌄ **Steps** ❶

| 1 | Action | Data | Expected Result |
|---|---|---|---|
| | 1. Enter "standard_user" in the username field. | • Username: standard_user | User is redirected to the inventory page (https://www.saucedemo.com/v1/inventory.html). |
| | 2. Enter "secret_sauce" in the password field. | • Password: secret_sauce | |
| | 3. Click the "LOGIN" button. | | |

| [Actual Result ⌄] | Comment ✏ | Defects ⊕ | Evidence ⊕ | Step State | 🟩 PASSED 〈/〉⬜🟨🟥 |
|---|---|---|---|---|---|

# 6. Test Case Design for api.restful-dev:

## Test Case Template:

- **Test Case Name:** (e.g.,GET, POST )
- **Description:** (Detailed explanation of the test)
- **Preconditions:** (What needs to be in place before the test)
- **Steps:** (Detailed actions to perform)
- **Test Data:** (Input values)
- **Expected Result:** (What should happen)
- **Actual Result:** (What actually happens during the test execution)
- **Status:** (Pass/Fail)

## Test Case Sample :

# Test Case Execution Sample :

**SR board**  ⋯

🌐 Summary   ⟳ Timeline   ▤ Backlog   ▥ Active sprints   ▦ Calendar   ⬆ Reports   ▦ List   ⟳ Forms   ◎ Goals   ▣ All work   ☐ Components   </> Code   ⚡ Testing Board   More 5   +

Projects / HP-Capstone / Test Executions / SR-63 / Test: SR-62                          Test 1 of 1  ⬆ ⬅ ➡

☰  **Validate 201 response**                                    ⓘ   Execute with Exploratory App   Dataset   Import Execution Results

| Execution Status | Timer | Started On | Assignee | Versions | Test Version |
|---|---|---|---|---|---|
| 🟩 PASSED  </>▮▮▮ | ▶ 00:00:12 ↺ | 23/May/2025 12:43 AM | Unassigned | - | v1 |
| | | **Finished On** | **Executed By** | **Revision** | **Test Environments** |
| | No time logged | 23/May/2025 12:44 AM | Swarna Sai sreekar | - | - |

> **Findings** ⊕

## Test details  `MANUAL`

∨ **Test Description**
- Validation for https://api.restful-api.dev/objects API in postman
- Keep this URL in the postman with the request method POST

---

**is blocked by**
| 🟦 SR-70 Pre-Requirements | ☰ DONE |
|---|---|

∨ **Preconditions** ❶
> SR-70 - **Pre-Requirements**

∨ **Steps** ❶

| 1 | **Action** | **Data** | **Expected Result** |
|---|---|---|---|
| | • Enter the Body data with the request method<br>• click send | ```<br>1 {<br>2   "name": "{{deviceName}}",<br>3   "data": {<br>4     "color": "{{deviceColor}}",<br>5     "capacity": "{{deviceCapacity}}"<br>6   }<br>7 }<br>``` | 201 Created |

| | Actual Result ⌄ | Comment ✏ | Defects ⊕ | Evidence ⊕ | Step State | 🟩 PASSED </>▮▮▮ |

## 7. BUG Report (BUG-SWAG-001) :

- Based on the defect information you've provided, here's a concise, one-line description:
- One-line description: The application allows checkout with an empty cart.

Defect ID: BUG-SWAG-001

Defect Title: Checkout process allowed despite shopping cart being empty
GitHub

Defect Description:

```
1.Login to <https://www.saucedemo.com> using valid credentials.

2.Navigate to the cart page without adding any items.

3.Click on the "Checkout" button.

4.Observe that the application proceeds to the checkout information page despite the cart being empty.
```

Expected Result: The application should prevent users from proceeding to checkout when the shopping cart is empty, displaying an appropriate message indicating that the cart has no items.

Actual Result: Users are allowed to proceed to the checkout information page even when the shopping cart is empty, which could lead to confusion or errors during the checkout process.

Severity: Medium

Priority: Medium

Module Affected: Shopping Cart / Checkout Process

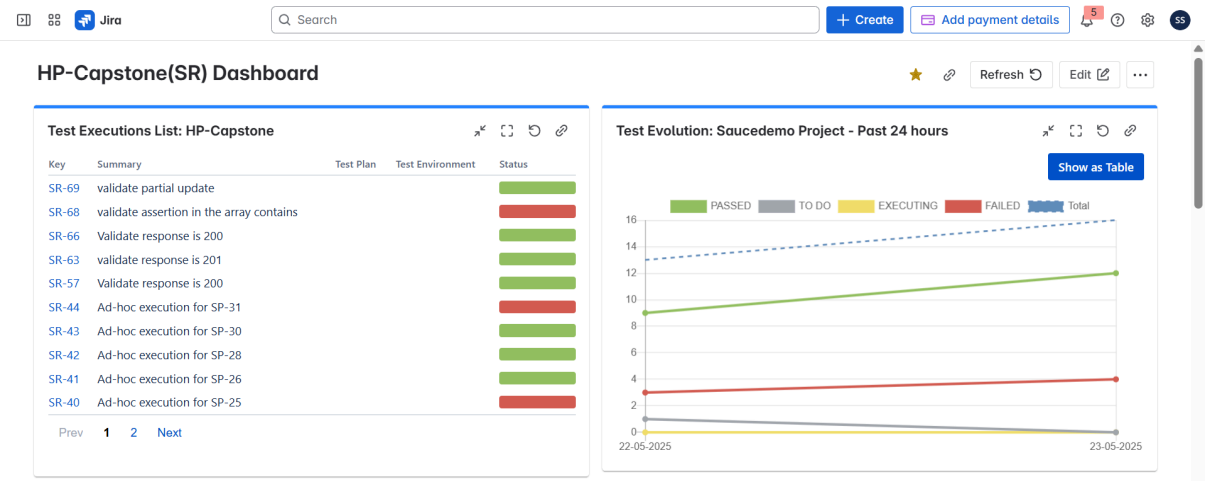Environment: Chrome Browser (Latest Version)

Reported By: Tester S

Reported On: 23-Apr-2025

Status: New

Assigned To: Developer A

## 8. Saucedemo Dashboard :

## Overall Test Results: HP-Capstone



PASSED (12)  TO DO (0)  EXECUTING (0)
FAILED (4)  N/A (0)

Total Tests: 16

## Activity Streams

### Activity Stream

**Swarna Sai sreekar** started progress on SR-29 - continue shopping

**Swarna Sai sreekar** changed the status to Done on SR-30 - TC-SWAG-011 : Proceed to Checkout with a resolution of 'Done'

**Swarna Sai sreekar** changed the status to Done on SR-21 - Pre-Conditions for Inventory Page with a resolution of 'Done'

**Swarna Sai sreekar** started progress on SR-26 - TC-SWAG-009 : Verify Product in Cart

**Swarna Sai sreekar** started progress on SR-28 - TC-SWAG-010 : Continue Shopping

**Swarna Sai sreekar** started progress on SR-25 - TC-SWAG-008 : Add Non-Existent Product to Cart

**Swarna Sai sreekar** changed the status to Done on SR-65 - Validate 200 response with a resolution of 'Done'

**Swarna Sai sreekar** started progress on SR-62 - Validate 201 response

**Swarna Sai sreekar** changed the status to Done on SR-18 - Login with Invalid Credentials with a resolution of 'Done'

**Swarna Sai sreekar** started progress on SR-24 - TC-SWAG-004 : Login with valid credentials

Show more...

↺ 30 seconds ago

# 9. HP-Capstone Filters :