

Testing Roles

1. Abanob Ashraf Monir – *Team Lead*

Responsibilities:

- **Leadership:**
 - Guide the team on framework design (POM), test case reviews, and best practices.
 - Consolidate results into the final summary report.
- **Assigned Feature Focus: Checkout Flow**
 - **Manual:** Write and execute checkout test cases (valid/invalid data).
 - **Automation:** Automate the full checkout flow with assertions for product details, total cost, and order confirmation.
 - **API:** Validate checkout API responses (order creation, data consistency).

Deliverables:

- Manual checkout test cases + execution log.
 - Automated checkout flow script.
 - Checkout API validation report.
 - Final integrated test suite & project report.
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2. Mahmoud Ehab Morsy

Assigned Feature Focus: Login

- **Manual:**
 - Test valid login, invalid login, empty fields.
 - Document edge cases and errors.
- **Automation:**
 - Automate positive/negative login scenarios.
 - Add assertions for error messages and redirection.
- **API:**
 - Validate login API for success/failure cases.
 - Compare API vs UI results.

Deliverables:

- Login manual test cases + execution log.
 - Login automation scripts.
 - Login API test results.
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3. Hussein Essam Imam

Assigned Feature Focus: End-to-End Manual Validation Across All Features

- **Manual:**
 - Create detailed test cases for login, search, add to cart, and checkout.
 - Execute and document results before automation.
- **Automation:**
 - Automate at least one scenario from each feature (Login, Search, Cart, Checkout).
- **API:**
 - Execute API tests for login, search, cart, and checkout to validate consistency.

Deliverables:

- Full set of manual test cases & execution results.
- Sample automation scripts across all features.
- API test logs for all features.

4. Mohamed Rezk

Assigned Feature Focus: Product Search

- **Manual:**
 - Write test cases for search by keyword, invalid searches.
 - Validate UI consistency of search results.
- **Automation:**
 - Automate search flows with assertions.
- **API:**
 - Validate search API results match UI results.

Deliverables:

- Manual product search test cases.
 - Search automation script.
 - Search API test results.
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5. Dalia Abdallah Amer

Assigned Feature Focus: Add to Cart

- **Manual:**
 - Test adding/removing products, updating quantities.
 - Verify cart totals and counter.
- **Automation:**
 - Automate add-to-cart flow (single & multiple items).
- **API:**
 - Validate cart API updates (adding/removing products).

Deliverables:

- Manual add-to-cart test cases + execution log.
- Add-to-cart automation script.
- Cart API test results.