



TEST PLAN

FOR

MOVEBOT

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1. INTRODUCTION

This test plan has been created to communicate the test approach to team members. It includes the objectives, scope, schedule, risks and approach. This document will clearly identify what the test deliverables will be and what is deemed in and out of scope.

1.1 Business Background

Movebot is a Nigerian organization which engages in a parcel/cargo delivery and tracking management solution developed to empower courier service providers and their clients. Their vision is to help couriers and their clients deliver all parcels/cargo fast and easy, track items simply and reduce resources of money, time, and manpower used during deliveries.

The website features should include:

- a. **Delivery management system:** Provision for end-to-end delivery technologies that empower couriers and their drivers to receive delivery requests, process the requests, and keep transaction records.
- b. **Dispatch management system:** Empower drivers/riders, collaborate with reliable couriers using Movebot and send parcel/cargo without hassles 24/7.
- c. **Delivery tracking system:** Movebot solution should allow users to see how their parcel/cargo moves from pick-up point to drop-off point. No more anxiety over parcels/cargo in transit.

d. Delight and retain clients: Deliver unmatched services to your clients, communicate transparently about your offers, update seamlessly and timely about the status of parcels with Movebot and enjoy clients' continuous patronage.

e. Connect easily with new clients: Meet new clients daily on Movebot and grow your client base. You determine when to stop adding new clients.

Web applications to be tested include:

- I. <https://movebot.ng/> -- Landing page
- II. <https://logistic-dev.movebot.ng/login> -- For logistic companies to manage their orders
- III. <https://admin-dev.movebot.ng/login> -- For admin of movebot to monitor logistic companies

1.2 Test Objectives

This test plan has been developed to check the functional and non-functional aspects of the 3 websites. The test team is charged with the responsibility of ensuring the website is accessible and features on it function properly.

The test team is responsible for testing the website for the functionality, usability and compatibility to ensure it meets the requirements of the user and client.

The test team consists of the testers in this project.

Bugs should be reported to the iGeeksNG site, link below:

https://gitlab.iGeeksNG.com/logistic-teams/movebot_logistic_webapp/-/issues

1.3 Team Responsibilities

Tester	Role
Adewale	Test Plan
Adewale, Rabiart	Test case development, documentation and execution
Adewale, Rabiart	Test summary report

2 Test Coverage/Scope

2.1 In scope for the 3 sites respectively include

a. <https://movebot.ng/>

- i. “Try for free” button and features
- ii. “Message us” feature
- iii. Tracking ID feature and functionality
- iv. Movebot logo function
- v. Social media and android/IOS app link
- vi. Landing page functionality (“Home”, “about” and “contact” buttons)

b. <https://logistic-dev.movebot.ng/login>

- i. Login feature, “forgot password” and “remember me” feature
- ii. Login page buttons functionality
- iii. Dashboard and order bay functionality
- iv. Order block, Defects, Tracking, Review features
- v. Group policy and employee buttons and functionality
- vi. Tickets and audit log buttons and functionality
- vii. User profile, company profile, logout and settings button functionality

c. <https://admin-dev.movebot.ng/login>

- i. Login button and feature
- ii. Forgot password button and feature
- iii. “Remember me” box
- iv. Movebot logo feature
- v. Group policy button, features and different roles under it (Group policy page number button, group policy form and permissions, Delete and edit feature of group policy)

- vi. Employee button, features and form (Create new employee account, Suspend, activate and ban employee features, edit employee feature)
- vii. Verify hierarchy of permissions
- viii. Verify company button, form and features
- ix. Verify Audit button, functionality, date and logs
- x. Verify Ticket button and request button functionality and link back to landing page
- xi. Verify profile page and logout button

2.2 Out of scope include:

- a. <https://movebot.ng/>
 - i. Login button and features

3. Test Method / Approach

The project would involve functional testing of the web applications. White box testing in which testers are aware of the internal structure of the web application would be used. Some of the equipment used include Windows 10 functioning laptops with wifi connection.

Each tester would have these and access to the following web browsers:

- Google Chrome
- Mozilla Firefox

Web applications would be tested based on the pass or fail performance of the in scope requirements. The igeeksng team would conduct meetings every 2 days for progress reports till testing is complete.

3.1 **Methods:**

- i. White box testing will play a large part of the testing process
- ii. Appropriate test data for sign up/sign in pages would be generated
- iii. Test for website quality, validation as well as user interface

3.2 **Approach**

- i. Manual tests will be performed for each in scope feature of the website and would be documented.
- ii. Automated unit tests are not part of the development process at this time

4. Test Environment

- i.** Network connection is required for all members.
- ii.** A desktop/laptop with all major tools installed was required as part of the test environment.
- iii.** The major tools needed are Chrome and Mozilla firefox.

5. Milestones/Deliverables

5.1 Test Schedule

The initial test schedule follows..... 11/10/2021- 31/10/2021

Task Name	Members	Estimate effort	Start time	End time	Comments
Requirement Analysis	Adewale		9/10/2021	10/10/2021	Analyzing web applications and watching client video
Test Plan	Adewale		19/12/2021	19/12/2021	Typing test plan
Test case development and execution	Rabiart		20/12/2021	20/12/2021	Verify all landing page features and functionality
Test case development and execution	Adewale		20/12/2021	20/12/2021	Verify forgot password, remember me, login feature and movebot logo on logistic and admin site
Test case development and execution	Rabiart		21/12/2021	21/12/2021	Verify dashboard, order bay and order block functionality on logistic site
Test case development and execution	Adewale		21/12/2021	21/12/2021	Verify order block, defects, tracking, review features on logistic site
Team meeting	Adewale, Rabiart		21/12/2021	21/12/2021	Meeting to discuss progress and issues encountered by testing team
Test case development and execution	Rabiart		22/12/2021	27/12/2021	Verify audit and ticket feature on logistic site. Verify request, ticket and audit features on admin site

Test case development and execution	Adewale		22/12/2021	27/12/2021	Group policy and employee functionality on logistic and admin site. Verification of hierarchy
Team meeting	Adewale, Rabiart		27/12/2021	27/12/2021	Meeting to discuss progress and issues encountered by testing team
Test case development and execution	Rabiart		28/12/2021	28/12/2021	User profile, company profile, logout and settings button functionality on logistic site
Test case development and execution	Adewale		28/12/2021	28/12/2021	Verify profile and logout buttons and functionality on admin site
Test case development and execution	Rabiart		29/12/2021	29/12/2021	Verify ticket/audit features on admin site in relation with the “message me” feature on landing page
Test case development and execution	Adewale		29/12/2021	29/12/2021	Verify company button and company form feature on admin site
Final test progress review of all test cases and execution	Adewale, Rabiart		29/12/2021	29/12/2021	Final review of all test cases up to date
Test summary report	Adewale, Rabiart		30/12/2021	30/12/2021	Design final test summary report

5.2. Deliverables

Deliverable	For	Date / Milestone
Requirement analysis	Adewale	10/10/2021
Test Plan	Adewale	19/12/2021
Initial test case development and execution	Test Team members	20/12/2021
Test Status report	Test Team members	21/12/2021
Test Status report	Test Team members	27/12/2021
Final Test case development and execution review and status report	Test Team members	29/12/2021
Test Results, Test cycle closure and Test summary report	Test Team members	30/12/2021

6 Assumptions / Risks

6.1 Assumptions

This section lists assumptions that are made specific to this project.

- i. Website was initially deployed without testing
- ii. Bugs/defects would be fixed after reporting and then retested

6.2 Risks

No current identifiable risks