Test plan

"Tour Palestine"

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Introduction:

The following test plan is designed for the *Tour Palestine application,* the aim of testing to verify the working flow of the app also, the testing will cover all functionality of the app.

Contents

Scope:

1. Verifies the ability of the app to load.
2. Verifies to navigate through the app.
3. Verifies the ability to select the language.
4. Verifies the ability to navigate up and down in the same page.
5. Verifies the click ability of each clickable element.
6. Verifies the UIX of the app.

Out of the scope:

1. The of the used APIs.
2. The architecture of the app.

Environment:

- Android 15.
- Android studios.
- Testing environment.
- Production environment.
- Eclipse with selenium and TestNG libraries.

Timelines:

Test	Scheduled time
App testing	30-1-2025 ➜ 3-2-2025

DOD:

1. If the requirements of the business team are applied and the workflow of the UI matches the requirements.
2. If the founded bugs are low in severity and accepted by the project manager.

Methodology:

The agile methodology will be used through the project, as well as the process will be tracked through Trello boards.

Functional test:

1. Black box test:

Ensuring that every feature works as intended while performing the manual testing.

2. Smoke test:

Quik general test to confirm that all features work as intended.

3. Unit testing:

Ensuring that every feature works as intended while performing the automated testing.

Non-functional test:

1. Load test:

Check the ability of the web to handle particular workload at the same time.

2. Performance testing:

Check the overall performance of the web.

3. Stress testing:

Check the ability of the web to withstand high number of requests without crashing or lagging.

Test responsibilities:

Developers:

- Design codes to satisfy the needs of the business team and the stack holder.
- Fix and handle bugs.

QA testers:

- Ensure the produced applications are designed based on business team
- requirements.
- Ensure the highest number of bugs are detected.
- Verifies and validates the produced products.

Business requirements:

1. Verifies the ability to move between pages.
2. Verifies the ability to click all buttons.
3. Verifies the ability to see all content.
4. Verifies the ability to open the app.