

D.O.M.E

GO-TO GROCERY APP TEST PLAN

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1. Introduction

This test plan's objective is to guarantee that every component of the Go-To Grocery App operates accurately, safely, and in accordance with user expectations. Verifying the functionality, usability, and performance of the app—particularly the login, sign-up, and buying processes—will be the main focus of testing.

1.1. Objectives

A thorough verification procedure is required to guarantee the Go-To Grocery App's complete functionality and dependability. This will entail verifying that every module functions as planned, beginning with user authentication. We must confirm that the login, sign-up, and session management procedures are safe and easy to use, safeguarding user information while facilitating quick access to the app's functionalities. We will then concentrate on the main aspects of the shopping experience, such as browsing, adding things to the basket, and successfully completing the checkout process, after successful authentication. Verifying inventory control, precise pricing, and payment gateway connectivity are all part of this. Lastly, it's critical to verify the app's overall performance by making sure it is responsive and upholds high performance requirements under typical usage load, giving all users a smooth and speedy experience.

1.2. Team Members

Resource Name	Role
<i>Olajumoke Kupoluyi</i>	Front end
<i>Name</i>	Project Manager / Tester
<i>Names</i>	Tester

2. Scope

This test plan covers:

- **User Authentication:** Sign Up, Login, Logout, and Forgot Password
- **Product Browsing:** Viewing grocery items, categories, and search
- **Cart Functionality:** Add, update, and remove items
- **Checkout:** Order summary, address, and payment flow
- **User Profile:** Manage personal info, preferences, and order history
- **Performance & Compatibility:** Testing on various devices and browsers
- **Security Tests:** Password protection, session handling, and data validation

3. Test Environment

- **Platform:** Android, iOS, and Web
- **Backend:** React Native
- **Database:** MySQL
- **Test Tools:** Manual testing
- **Network:** Wi-Fi and mobile data

3.1. Test Scenarios

#	Scenario	Expected Result	Trigger
1	Enter valid email and password	User logs in successfully	Pending
2	Enter invalid password	Error message "Incorrect password" appears	Pending
3	Leave fields empty	Error: "Email and password required"	Pending
4	Forgot password link works	Password reset email sent	Pending

3.2. Signup Page

#	Scenario	Expected Result	Status
1	Enter valid details	New account created successfully	Pending
2	Password less than 8 chars	Show validation error	Pending
3	Existing email used	Show "Email already registered"	Pending
4	Invalid email format	Show "Enter valid email address"	Pending

3.3. Product Browsing

#	Scenario	Expected Result	Status
1	Open home screen	Display product categories	Pending
2	Use search bar	Show relevant items	Pending
3	Filter by category	Display filtered products	Pending