

TEST PLAN DOCUMENT FOR RAPIDO – BIKE TAXI PLATFORM (MOBILE APP)

Project Name: Rapido – Bike Taxi Mobile Application

Project Type: Manual Testing

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INTRODUCTION

Rapido is a mobile-based bike taxi booking application that allows users to quickly book affordable rides across cities. The app includes core functionalities such as:

- Real-time location tracking
- Ride booking and fare calculation
- Driver assignment
- Trip history
- Payment systems

This test plan outlines the manual testing strategy for Rapido Mobile App to validate performance, usability, and functionality across different devices, networks, and operating systems.

TEST OBJECTIVES

The objectives of testing are:

- Verify proper navigation and redirection throughout the app
- Validate core features: Registration, Login, Ride Booking, Live Location Tracking, Fare Estimation, Ride Cancellation, and Trip History
- Ensure responsive behavior across multiple Android and iOS devices
- Report, track, and manage bugs using manual testing techniques

SCOPE OF TESTING

In-Scope:

- Functional testing of user workflows
- UI/UX and usability testing
- Compatibility testing across devices, screen sizes, and OS versions
- Testing offline behavior, GPS access, and network disruptions

Out-of-Scope:

- Payment gateway internal mechanisms (third-party managed)
- Backend APIs or database performance
- Marketing emails or promotional notifications

FEATURES TO BE TESTED

- User Registration & Login (OTP verification)
- Location Permission Handling
- Ride Booking Flow
- Fare Estimation
- Ride Cancellation
- Trip History Viewing
- In-app Notifications
- Profile Management

FEATURES NOT TO BE TESTED

- Payment gateway internals
- Backend performance
- Marketing campaigns or promotions

TESTING APPROACH

Testing Types:

- Functional Testing
- UI/UX Testing
- Compatibility Testing
- Usability Testing

Testing Methodologies:

- Manual Testing
- Exploratory Testing

Testing Environment:

- OS: Android, iOS
- Devices: Smartphones with varied screen sizes
- Network: 4G/5G, Wi-Fi, and offline mode
- Browsers: Chrome, Safari (for mobile web comparison if needed)

TOOLS

Test Management: Microsoft Excel (for Test Cases)

Bug Tracking: Google Sheets

Screen Capture / Documentation: Snipping Tool, MS Word

TEST SCHEDULE

Phase	Duration
Test Plan Creation	29 Aug 2025
Test Scenario Preparation	29 Aug 2025
Test Execution	29 Aug 2025
Manual Test Cases & Bug Reporting	29 Aug 2025
Test Summary Preparation	29 Aug 2025

ROLES AND RESPONSIBILITIES

Tester: Divyasree Karthikeyan

Responsibilities:

- Draft test plan and prepare test scenarios
- Perform manual and exploratory testing on Rapido App
- Identify, log, and verify bugs with clarity and screenshots
- Document and summarize test outcomes in a comprehensive report

ENTRY AND EXIT CRITERIA

Entry Criteria:

- Access to the latest build of Rapido Mobile App
- Test devices and environments ready
- Approved test cases available
- Login credentials and location permissions set

Exit Criteria:

- All critical and high-priority bugs fixed
- Functional coverage completed
- All scenarios validated and documented
- Final sign-off from QA lead or stakeholders

DELIVERABLES

Deliverable	Description
Test Plan & Mind Map	Overview of scope, approach, and tools
Manual Test Cases	Documented test cases with steps and expected results
Test Execution Report	Detailed execution results with status & reproducible steps
Defect Report	Log of all bugs with severity and screenshots
Test Summary Report	Comprehensive summary for stakeholders

RISK & MITIGATION

Risk	Mitigation Strategy
GPS or location not detected	Test fallback behavior, simulate mock location
Build delays	Prioritize reusable test cases and update schedules
Network loss during testing	Validate offline error messages and app stability
Device compatibility issues	Test on virtual simulators and multiple real devices