# Test Plan for Wikipedia Homepage

**Project Name:** Wikipedia

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## Introduction

This test plan outlines the approach, objectives, and scope for testing the Wikipedia homepage. The focus is on ensuring critical features such as the search functionality, language selector, and navigational links perform as expected.

## Objectives

The primary objective is to validate the Wikipedia homepage functionalities, identify defects, and ensure a seamless user experience.

## Scope

The testing will focus on:   
- Search bar functionality  
- Language selection dropdown  
- Navigation links redirection  
- Page responsiveness on various devices.

## Testable Features

1. Search bar input and results accuracy  
2. Language selector functionality  
3. Redirection of key links (e.g., About, Privacy Policy)  
4. UI responsiveness and layout across devices.

## Testing Approach

The testing will involve a combination of manual and automated testing:  
- Manual testing for UI responsiveness and exploratory scenarios.  
- Automated testing using Cypress for critical functionalities like the search bar.

## Roles and Responsibilities

1. Test Lead: Vikrant Chaudhary  
2. Test Engineer: Renu

## Test Schedule

The testing is scheduled as follows:  
- Test Design: Day 1  
- Test Execution: Day 2  
- Bug Reporting: Ongoing during execution  
- Final Review and Report: Day 4

## Test Deliverables

1. Test Plan Document  
2. Test Case Document (Excel)  
3. Bug Report (Excel)  
4. Mind Map  
5. Cypress Test Scripts

## Tools

1. Cypress: For automated testing  
2. Excel: For documenting test cases and bug reports  
3. MindMeister: For creating mind maps.

## Risk and Mitigation Plan

1. Risk: Flaky test environment due to unstable internet.  
 Mitigation: Use a stable internet connection and retry failed tests.  
2. Risk: Unexpected UI changes during testing.  
 Mitigation: Communicate with the development team and update tests promptly.