

## BStackDemo Test Plan



## 1. Test Assignment

Based on current market information it is decided to perform cross-browser testing on the application under test. The Marketing team decided to test the following browser and OS combinations:

- Windows 10 – Chrome latest-1
- Windows 10 – Internet Explorer 11.0
- OS X Big Sur – Chrome latest
- OS X Catalina – Safari latest
- Android 11.0 Samsung Galaxy S20
- iPhone 13.0 iPhone XS

In order to cover these browser and OS combinations we decided to use BrowserStack. BrowserStack is a cloud testing platform which provides access to 2000+ browser and OS combinations. When using BrowserStack we can cover our current cross-browser requirements, but also any future cross-browser requirements.

### 1.1. Test base

The functional design is used to create test scripts.

### 1.2. Scope

To avoid misunderstanding, this chapter makes very clear what items are in scope and what items are not in scope.

#### 1.2.1. Within scope

The following features need to be tested:

- Product sorting
- Favourite feature
- Sign in
- Order products
- Offer feature (which depends on GPS location)

#### 1.2.2. Outside scope

Changing the physical location of the device will not be tested.

### 1.3. Risks

The table below shows the identified risks as well as the potential impact.

<b>Risk</b>	<b>Description</b>	<b>Likelihood of occurrence</b>	<b>Impact</b>
Unstable environment	Slow or not timely available test environment	30%	High
Browser Issues	Different browsers cause different user experience	60%	Medium

## 2. Strategy

### 2.1. Intake test base

The documents described in section 1.1 will be reviewed and used as input for test design.

### 2.2. Intake system under test

Before starting execution of tests there will be an intake of the system under test. This gives information about the deploy state as well as the testability state.

Once it passed the intake, also test automation can kick off.

### 2.3. Test approach

The testing activities focusses on the functionalities described in section 1.2.1. Test scripts will be created to cover different scenarios, with a special attention to cross-browser testing.

## 3. Quality

### 3.1. Pass/Fail Criteria

All core functionality of the application under test should function as expected and outlined in the individual test cases. There must be no blocking or critical finding open and an end user must be able to complete a purchase cycle without any errors. 90% of all test cases should pass and no failed cases should be crucial to the end-user's ability to use the application. Furthermore, the application should work in all defined browsers, listed in section 1.

### 3.2. Suspension Criteria

Testing should be immediately paused if either system experiences login issues or failure in any basic website navigation.

## 4. Project management

### 4.1. Roles

The project has the following roles:

- Product owner
- Backend developers
- Frontend developers
- Software Development Engineer in Test