

**Project/Software Name: nu3 website**

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## **1. Introduction**

The Test Plan has been created to communicate the test approach to team members. It includes the objectives, scope, schedule, risks and approach. This document will clearly identify what the test deliverables will be and what is deemed in and out of scope.

### **1.1. Objectives**

‘nu3.de’ is an ecommerce store that allows users to browse and shop the available inventory on the store. The website is developed using shopify cms and vue.js. The QA team is responsible for testing the store and its operations. The test team will impersonate roles of customer and administrator to test this project

## **2. Scope**

We need to cover the testing of all the functional requirements ranging from product placement till checkout.

### 3. Assumptions/ Risk

#### 3.1. Assumption

We assume that there are only two roles

Roles	Rights
Admin/ Moderator	<ul style="list-style-type: none"><li>- Can perform CRUD operations for product and content</li></ul>
Customer	<ul style="list-style-type: none"><li>- Can only view content</li><li>- Can add/ remove products in cart &amp; checkout</li><li>- Can manage their profiles and payment details</li></ul>

#### 3.2. Risk

Any changes to the functionality may negate the tests already written and we may have to incur technical debt

Any hindrance in the 3rd party services may disrupt expected results during testing

### 4. Test Approach

#### 4.1. Manual

We will first conduct regression to cover end-to-end testing. Exploratory testing will be done in parallel. Based on our test run report, final stage will be an acceptance test conducted by the product manager

#### 4.2. Automation

We will automate the core functional test cases

### 5. Test Environment

This tool is an ecommerce application. Which will be tested on a standalone staging environment. Common browsers like Safari, Chrome, Firefox & MS edge will be used for this purpose. For the sake of this test plan we only cover Web & mobile browsers not the native apps.

## **6. Milestones & Deliverables**

### **6.1. Schedule**

TBD

### **6.2. Deliverables**

- a. Test Plan
- b. Traceability Matrix
- c. Test run report

## **7. Defect Management**

Bug reports should be created for all the issues found during testing and prioritized according to their severity

## Test Cases

### User and profile settings

1. Test user registration
2. Test login functionality with valid credentials
3. Test login functionality with invalid credentials
4. Test password recovery functionality
5. Test user profile management

### Inventory and checkout

1. Test product listing and attributes
2. Categories, filters & sorting
3. Test add-to-cart functionality
4. Test checkout functionality

### Notifications

Test that notifications are being sent to customer based on the order processing events

### Other

1. Cross browser compatibility
2. Mobile responsiveness testing

**Test case 1:**

Scenario: Verify that user can successfully login the app via the nu3 login page

Prerequisite: User has valid account credentials for nu3 login page  
(nameu0108@gmail.com, pass12345@)

Steps	Result	Pass/Fail
Visit the login page	User sees the login page	✓
User enters email address in the email field	Email address is visible in the field	✓
User enters password in the password field	Password is hidden behind asterisks	✓
User clicks on 'Anmelden' button	User is successfully logged in and redirected to account page	✓