**Test plan for**

**Grip**

*ChangeLog*

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| --- | --- | --- | --- |
| **Version** | **Change Date** | **By** | **Description** |
| 1 | 25/11/2020 | Amaal Adel |  |
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# Introduction

This testplan is developed for all the changes and documenting all testing activities for Login Page

## Scope

### In Scope

Following Features will be tested We

|  |  |
| --- | --- |
| Feature | Scenarios |
| Log in Feature on Web | * Testing User can Sign up * Testing “Next” button is enabled /Disabled when user inserts valid/invalid email address * Testing Validation Message should be displayed when user inserts invalid email * Testing “Login” button is enabled when user inserts valid Password and disabled if password is empty * Testing that validation message should be displayed when user clears password and login * Testing Validation message should be displayed to the user if invalid email and password are inserted * Testing User can logon with valid email and password and not able to log on if account does not exist * Testing “Forgot Password ”, User can insert email and receive password reset link on this email * Testing that an informative message should be displayed to the user after clicking send the link * Testing User can Navigate back to the log in page after uses the clicking forgot password * Testing User can Navigate back to the log in page after uses the clicking send the link * Testing Keyboard is supported (using of tabs, shift tabs and enter buttons on keyboard) |

In Addition To :

* Testing should include validating all text field with special characters , long strings , js scripts and html tags
* Testing should be done on latest version all browsers (FF, Chrome, IE, Edge) and on OS (Windows 10), Different resolutions, zoom in and zoom out

### Out of Scope

Any feature not mentioned in scope

## Quality Objective

Some objectives of your testing project could be

* Ensure the Application Under Test conforms to functional and non-functional requirements
* Ensure the AUT meets the quality specifications defined by the client
* Bugs/issues are identified and fixed before go live

## Roles and Responsibilities

Detail description of the Roles and responsibilities of different team members like

* QA Analyst
* Test Manager
* Configuration Manager
* Developers
* Installation Team

Amongst others

# Test Methodology

## Overview

* UI Testing:
  + For Web Test :
    - Testing will be done on all browers (IE, Edge, Chrome , Firefox)
    - Different resolution should be tested
    - Zoom in / Zoom out
* Functionality testing:
  + Functionality should be tested, Please refer to in scope section where all functionality scenarios are mentioned
* Performance testing:
  + NA
* Installation:
  + NA
* Compatability:
  + For Web : it should be tesed on ((IE, Edge, Chrome , Firefox )on Windows 10
* Security:
  + NA

Note:

* Black Box testing techniques shall be used

## Bug Triage

The goal of the triage is to

* To define the type of resolution for each bug
* To prioritize bugs and determine a schedule for all “To Be Fixed Bugs’.

## Test Completeness

**Entry Criteria:**

* Code is done
* Testing env is ready
* Testcases are created

**Exist Criteria:**

* 100% test coverage
* All Manual & Automated Test cases executed
* All open bugs are fixed or will be fixed in next release

# Resource & Environment Needs

## Testing Tools

* Selenium tool is used for automation

## Test Environment

Following **software’s** are required in addition to client-specific software.

1. Windows 10

# Risk Identification & Planning

The below lists potential foreseen risks that should be taken into consideration from quality perspective:

|  |  |  |
| --- | --- | --- |
| **Risk** | **Possible Impact** | **Mitigation** |
| **Requirement is Vague** | 1. Impact covering all scenarios | 1. QA to regularly check and review Requirement and raise Product Owner any ambiguity |
| **Blocker Issue** | 1. QA is Blocked and cause missing deadline | 1. Follow up with development team to fix the issue and raise to scrum master |
| **Environment is not available** | 1. Testing Coverage is affected | 1. QA Should contact Scrum Master and raise the issue , Also if Possible contact the IT |

# Terms/Acronyms

Make a mention of any terms or acronyms used in the project

| TERM/ACRONYM | DEFINITION |
| --- | --- |
| API | Application Program Interface |
| AUT | Application Under Test |

# Assumptions

* Some Assumptions have been made that following Browsers are the ones Supported (IE11, Chrome, firefox and Edge)