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# Introduction

1.1 About this document

This document is the Test Plan for the Trello application. This plan document adds the specifics with respect to testing for the Trello login and Dashboard features. Together the document must provide sufficient insight into how the testing for these functions should be carried out

1.2 Test assignment

The test assignment for this project consists of:

Preparation of test cases for the Trello application and its features. This must include positive and negative test cases

Preparation of scenarios for automation using BDD structure both for front-end and back-end actions

Automate the scenarios for both front end and back-end services

# Test Scope

The scope for this assignment is the login and dashboard features of Trello application. Preparing positive and negative test cases for login and dashboard functionalities. Test Automation is performed selecting 3 scenarios from the front end and 3 scenarios from the back end.

# Test Approach

The test approach is to prepare Physical test cases with full coverage for the login and dashboard features. Test data must be prepared to sufficiently demonstrate the full coverage of these features. For the automation of test cases/scenarios Business Driven Development test technique must be followed using the Specflow tools and its libraries covering both front end and back end scenarios

Reference to requirements:

Detailed requirements of the back end can be referenced to the API documentation available at the following link:

<https://developers.trello.com/v1.0/reference#introduction>.

Documentation regarding the Trello application is available at:

<https://developers.trello.com/v1.0/reference#introduction>.

Test reports for the execution of test cases and the outcome of testing for each cycle must be reported to keep informed about the status of the testing

All the deliverables must be made available on the Github repository and shared with the appropriate stakeholders

# Test Environment

Testing will be performed on the production environment only for this assignment

# Test Task

This test task is to demonstrate the capability of an individual with his knowledge and the experience in automation using the BDD technique. In order to showcase these skills, the individual must define all the test cases for the features in scope and automate 3 scenarios for front end and back end using the requirement specification referenced to in Test approach

# Test data

The test data used and prepared for the execution of test activities must be anonymized data and not belonging to any individual.

# Assumptions

* The production environment is stable
* Availability of test environment
* Support from the representatives

# Planning

This test assignment should be completed within 5 working days and submitted to the representatives

Start - 06-Dec-2022

End - 13-Dec-2022