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| **SOUTHERN CROSS UNIVERSITY** |

**ASSIGNMENT COVER SHEET**

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| Unit Name: | **Managing Software Development** |
| Unit Code: | **PROG6001** |
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| Assignment No.: | **Assignment 1** |
| Assignment Title: | **Report** |
| Due date: | **14/11/2022** |
| Date submitted: | **19/11/2022** |

Declaration:

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End

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# Executive Summary

# In summation, the purpose of this report will be on creating an application exclusively for user privacy based on the specifications the client provided after discussing with the business. The crucial thing I need to do is discover a strategy to differentiate my app from rivals by providing more alternatives than other applications in order to gain customer trust.

# Introduction

In this project I am working for Microsoft specialist team to create new application which brings new changes and software testing techniques, version control systems and build process.

# 1: Acceptance testing

System testing is expanded upon by acceptance testing. Customers are invited to a

presentation after the testing team feels that the product is available for consumers or customers. Following that, customers could want to utilize the goods to feel satisfied and confident.

|  |  |
| --- | --- |
| **Scenarios** | **Expected Outcome** |
| **S1: Scenario 1** |  |
| S1.1: Create a new account | To maintain account security and prepare for unforeseen circumstances like account retrieval, the new user is needed to fill out a cell phone after providing the necessary information. |
| S1.2: User Login through another device | When user tried to login through another device verification code will be send to mobile number that is used to register. Without the code user won’t be ble to login. |
| **S2: Scenario 2** |  |
| S2.1: Users wants to search documents | When user wants to search documents in top search icon, user can type in the documents name and hit search. |
| S2.2: Editing documents | The searched documents user can edit the documents as his wish ny clicking edit on top right corner. |
| S2.3: User saving the documents | User can save the edited documents in his devise with save options to top menu. |
| **S3: Scenario 3** |  |
| S3.1: User Premium subscription | User can choose for premium subscription by paying 5$ per months to enjoy full version of application. |
| **S4: Scenario 4** |  |
| S4.1: User Payment | User can proceed to secure payment in payment options using his debit card or credit card or even the bank account. . |

## 

## 2.1: Black-box test:

Since the term "black-box" refers to evaluating the system without delving deeply into the code, I would need the user-interface for Microsoft Imagine Academy in order to do the detailed black box testing. I would be able to specify my test scenarios and the steps they take to complete a certain job by utilizing the user interface, which I would utilise afterwards to create my test cases.

|  |  |  |
| --- | --- | --- |
| **Widget** | **Tests** | **Expected result** |
| Button | Select with mouse cursor | Change in Botton color |
| Click the button | Takes to next page |

# 2: Build Management

Only the Beta, Stable, and Extended Stable channels are supported by Microsoft Edge, which does not offer its consumers an up-to-date operating system. Every four weeks, a beta version is released. Following the beta release, the developers review user comments and address any issues or defects that were discovered. Since Edge no longer supports daily and weekly releases as of version 77, competitors like Firefox and Chrome have seized the market lead. This procedure may be changed by utilizing a canary channel, publishing daily updates on any features the team is working on, merging those updates after a week, and then issuing a beta update after that.

Mentioned in official Microsoft documentation The Dev and Canary channels are not supported by the lifecycle, although Google Chrome publishes updates daily as well as on the Dev channel every two to three days.

## 2.1: SVN GIT Clone

It takes a bit longer than Git Clone to clone a repository using the Git SVN Clone command because, after cloning the target repository, it must examine each SVN revision and every commit that has been done so far on the project in your local repository to reproduce the project's history. Since the presented situation involves a big codebase of over 97,000 lines with potentially hundreds of commits, each commit requires SVN to restore the history on your local computer, which might take a considerable amount of time depending on the number of commits. If the system doesn't have enough memory for the cloning, there's a danger it might become stuck.

Unless it is a public repository or you have been added as a contributor, you can fork someone else's repository if you want to clone it. You cannot, however, clone an original repository to another remote repository if such is the case. Use the local repository, add the two remote URLs, and combine them into one repository.

# 3: Build Process Proposal

## 3.1: Firefox Vs Chrome

Chrome: The advantage of that is that you may merge all your company's divisions under the appropriate headings in one location. You can go anywhere and accomplish anything with Microsoft Edge. The Chrome plugin integration was good. It does work with the applications you'd like to use it for thanks to its Chromium basis.

Firefox: It might take a while to switch between tabs. Updates can occasionally cause issues, and you might not be able to launch Firefox until the update has been installed. A major issue with Firefox is that some CSS (Cascading Style Sheets) animations can't load properly on the browser and some older HTML codes don't function correctly.