**Team 4**

**Auto Odo**

**Test Procedure**

***Revision History***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Authors** | **Description of Change** | **Sections** | **Rev** | **Date** |
| Kingsley Tran | Testing google input. | 1 | 1 | 05-11-2021 |
| Patricia Ong | Testing dialog box. | 2 | 1 | 05-12-2021 |
| Mickey Springston | Testing total miles. | 3 | 1 | 05-12-2021 |

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# Team Description

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| --- | --- |
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# Introduction

Auto Odo is a mobile application that aims to allow the user to easily be informed of the total amount of distance they have traveled for work during a particular day, week, or month. The distance will be given in miles.

The purpose of this application is to make it easier for users to track their work miles through a click of a button and provide them the necessary information they need, which they can use to increase their tax savings, as work miles are tax-deductible.

## Identification

|  |  |
| --- | --- |
| **Requirement Document Tested:** | 5-13-2021 |
| **Requirement Document Revision:** | 5-12-2021 |
| **Revision Release Date:** | 5-13-2021 |

# Test Procedures

## Test Case 1

Description: Testing google input.

Precondition:

1) The user must already know what data to input.

2) Start on Track Work Miles (Second Fragment).

|  |  |  |  |
| --- | --- | --- | --- |
| **Step Number** | **Action** | **System Response** | **Requirement Tested**  **(if applicable)** |
| 1 | Select ‘Track Work Miles’ from the Main Menu. | User is sent to the Track Work Miles (Second Fragment). |  |
| 2 | Select the date on the calendar. | Highlights the selected date. |  |
| 3 | Select the ‘Start Location’ text box. | Pulls up keyboard. |  |
| 4 | Select the google search box, and type ‘ Los Angeles International Airport’ | Auto-fills ‘Start Location’ textbox. |  |
| 5 | Select the ‘End Location’ text box. | Selects the next textbox (End Location). |  |
| 6 | Select the google search box, and type ‘Long Beach Airport’. | Auto-fills ‘End Location’ textbox.  Note: Once the Start and End Location textbox has been filled, it auto-fills the ‘Input the work miles for selected date’ text box with the appropriate miles from Start to End Location. |  |
| 7 | Press the submit button. | “Your information has been recorded” prompt was shown. |  |
| 8 | Proceed to the Records page and select view all. | Inputted data has been inserted into the database. |  |

## Test Case 2

Description: Dialog box prompt before deletion of data.

Precondition:

1) Records (Database) must have at least one input value for deletion.

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| --- | --- | --- | --- |
| **Step Number** | **Action** | **System Response** | **Requirement Tested**  **(if applicable)** |
| 1 | Select ‘Records’ button from Main Menu. | User is sent to Records. |  |
| 2 | Select ‘View All’. | Displays the inputted data. |  |
| 3 | Select a data for deletion by clicking on it. | Displays a dialog box, “Do you want to delete this item?” |  |
| 4 | If ‘CANCEL’ is selected. | Nothing happens, and closes the dialog box. |  |
| 5 | If ‘YES’ is selected. | Data selected is deleted and a prompt saying “Your Information has been deleted!” is shown on the bottom of the screen. |  |

## Test Case 3

Description: Implementation of Total Miles on Records.

Precondition:

1) Database must be completely empty in order to test the Total miles update on the records section.

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| --- | --- | --- | --- |
| **Step Number** | **Action** | **System Response** | **Requirement Tested**  **(if applicable)** |
| 1 | Select ‘Track Work Miles’ from the Main Menu. | User is sent to the Track Work Miles (Second Fragment). |  |
| 2 | Select the date on the calendar. | Highlights the selected date. |  |
| 3 | Select the ‘Start Location’ text box. | Pulls up keyboard. |  |
| 4 | Type in ‘Home’ | Fills ‘Start Location’ textbox. |  |
| 5 | Press the enter key. | Selects the next textbox (End Location). |  |
| 6 | Type in ‘ CSUF’ | Fills ‘End Location’ textbox. |  |
| 7 | Select ‘Input the work miles for selected date’ text box and type the value of miles such as ‘100’. | Fills the textbox with the value. |  |
| 8 | Click the ‘Submit’ button. | “Your information has been recorded!” prompt appears on the buttom of the screen. |  |
| 9 | Select ‘Return’ | User goes back to the Main Menu. |  |
| 10 | Select ‘Records’ | User is sent to the Records. |  |
| 11 | Select ‘View all’ | Shows all the recorded data placed in the database and shows the Total Miles at the lower left side of the screen. | It should show ‘100’ right next to Total Miles: since we have inputted 100 in the ‘Input the work miles for selected date’. |
| 12 | Select the data inputted. | Prompts a dialog box that asks the user “Do you want to delete this item?” |  |
| 13 | Select ‘yes’. | Selected data is not shown on the list, and “Your information has been deleted” prompt is shown. Total Miles is updated. | Total Miles should be shown as ‘0.0’ |

# Verification Cross Reference Matrix

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| --- | --- |
| **Requirement Identifier** | **Where Tested** |
| Data Input | Input Work Miles |
| Dialog Box prompt when deleting Data | Records |
| Total Miles Update when data is added or deleted. | Records |
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