**Test Plan Cases**

Test Case ID: 01

Objective: Control access to program to only authorized users dependent upon username and password at login screen.

Description: We will be testing using different email accounts, accounts already being registered in the database as authorized.

I.E.

username: emeruvia@gmail.com - password: password123 for the authorized user.

Username: emg.apptest@gmail.com - password: password123 for the unauthorized user.

Test Conditions: Credentials are already in the database.

Expected Results: If credentials are those in the database, the user will be granted access and they will be redirected to the manager/employee homescreen. If credentials do not match those in the database, the user will not be granted access, and an error message will appear saying “Username or Password are not correct”.

Test Case ID: 02

Objective: Verify required fields when creating a new client are filled before being submitted to the database.

Description:

User enters the below data in the respective fields and then clicks “create client” button:

First Name: “Todd”, Last Name: “Ovenhouse”, Address: “11370 Mahogany Run, Fort Myers, FL 33913”, Email: “tovie@comcast.net”

Test Conditions: User is on the “create client” screen.

Expected Results: A success message will appear saying “client successfully created”, and the client information will be added to the database by the fields entered.

Test Case ID: 03

Objective: Verify for pre-existing information when creating a sign-up account

Description: We will be testing after we have created about 10 accounts. We will attempt to sign up with the same exact information as the previous 10 accounts.

I.E.

Employee in System (First Name: “Todd”, Last Name: “Ovenhouse”, Address: “11370 Mahogany Run, Fort Myers, FL 33913”, Email: “tovie@comcast.net”)

Signing Up Employee (First Name: “Todd”, Last Name: “Ovenhouse”, Address: “11370 Mahogany Run, Fort Myers, FL 33913”, Email: “tovie@comcast.net”)

Test Conditions: User is on the sign up screen.

Expected Results: There should be an error once we try to sign up with similar information. It should fail to create a new account. A popup should appear that states the following information already exists in the database.

Test Case ID: 04

Objective:

Deny the creation of clients with the same email.

Description:

We will test the creation of clients with the same emails once we’ve created 5 clients. Clients shouldn’t be allowed to be made if that client’s email exists in the system of another client.

I.E.

Client in system (Name: John Johnson, Email: john.johnson@gmail.com, Address: 1234 Green st)

Client to be made (Name: John Johnny, Email: john.johnson@gmail.com, Address: 4321 Blue st)

Test Conditions:

We will test this case if we have more than 5 clients in the system. We assume that the client has internet access in order to access the database.

Expected Results:

A Popup appears displaying a message stating that you cannot create a client with that email

Test Case ID: 05

Objective: Verify that the user cannot pre-date the current date when creating a new work order.

Description: Data used will be past, current and future date.

I.E:

Current date 3/16/2018

Past Date 3/14/2018

Future Date 3/23/2018

Test Conditions: User on the calendar page trying to create a new work order in a past date.

Expected Results: When testing for the current and future date, the expected test result would come out positive; when testing for a past date the expected result will be negative.

Test Case ID: 06

Objective: Verify that when client information is edited, the data in the database is also updated correctly.

Description: user changes email address for client from “tovie@comcast.net” to “littleovie@yahoo.com” and then clicks the “submit changes” button.

Test Conditions: User has already selected “Todd Ovenhouse” as the client to be edited.

Expected Results: A message saying “client has been successfully updated” will appear and the client’s email address has been changed in the database.

Test Case ID: 07

Objective: The correct screens should show when a specific button is pressed.

Description: When we go to the navigation and click on work orders the work order should open. On the home screen, when we click the plus sign the create work order screen should open up.

Test Conditions: The user should’ve already been logged in. If they try to access personal information you must be signed in as the owner.

Expected Results: The correct screens should open up when they are clicked.

Test Case ID: 08

Objective:

Tests the functionality of the search function in searching for clients and work orders in the system.

Description: Once the user clicks the search button and enter their query. Should return item of clients and/or work orders that contain words in the query.

I.E.

Query: John

Result: Client (Name: John Johnson, Email: john.johnson@gmail.com, Address: 1234 Green st)

Test Conditions: Assume that the user has internet access to search through the database; existing data in the database.

Expected Results: When searching for a client or work order, it should return the respective data to the user.

Test Case ID: 09

Objective: Verify functionality of forgot password function

Description: If the user forgets their password he/she may click the forgot password button on the login screen and enter their email they signed up with.

Test Conditions: Assumes the user has already created an account stored in the database.

Expected Results: If credentials are in the database an email is sent to the user allowing them to reset their password.

Test Case ID: 10

Objective: Verify log out button signs the user out

Description: Signs the user out when clicked

Test Conditions: Assumes the user on the drawer screen

Expected Results: User should be logged out and taken to the login screen

Test Case ID: 11

Objective: Clicking on client fragment, correct client information should appear

Description: User is on the client screen

Test Conditions: Once the user has clicked on the fragment, they are taken to the client information screen

Expected Results: User should be taken to client information screen.

Test Case ID: 12

Objective: Clicking on work order fragment, correct work order information should appear

Description: User is on the work order screen

Test Conditions: Once the user has clicked on the fragment, they are taken to the work order information screen

Expected Results: User should be taken to work order information screen.

Test Case ID: 13

Objective: User is still logged in after app is closed

Description: The app will still be on the user’s account and not logged out when app is closed

Test Conditions: User needs an account and able to close the app

Expected Results: User is still logged in right after the app is closed

Test Case ID: 14

Objective: App sends to email when clicking on the send button

Description: User will be sent to a new email when they click on the “send” button

Test Conditions: User needs to be on the drawer screen.

Expected Results: Once they click on the “send” button they will be redirected to a new email screen.

Test Case ID: 15

Objective: Viewing a work order in detail

Description: User will be able to view on a specific work order when they click on work order from the work order list screen.

Test Conditions: The user is on the work order screen

Expected Results: When the user is viewing all of the work orders, they will be able to click on a specific work order and view the information for that work order.

Test Case ID: 16

Objective: Viewing past and future months from the home page

Description: User will be able to go forward and backward in months when clicking on the respective buttons which are labeled as forward and backward.

Test Conditions: The user is on the home page or on the calendar screen.

Expected Results: The user will be able to forward in months when they click on the forward button. The user will be able to go backward when they click on the back button.

Test Case ID: 17

Objective: Selecting a pre-existing client to add to a new work order.

Description: When the user is creating a new work order they will be able to select a pre-existing client to add to that work order.

Test Conditions: User is on the create new work order screen.

Expected Results: The user will click on the “existing client” button and will be brought to the client fragment list and select on one. They will taken back to the create client screen and the client information will populate work order.

Test Case ID: 18

Objective: Create a new client when they are also creating a new work order.

Description: The user will be able to create a client if the client does not exist in the database yet.

Test Conditions: The user is on the create a work order screen.

Expected Results: The user will click on the “New Client” button and will be taken to the create a new client screen. They will fill out the information on it and click on the “create” button. They will be brought back to the work order screen with the information now filled out for the client.

Test Case ID: 19

Objective: Selecting a date for the work order.

Description: The user will be able to select a date for the work order.

Test Conditions: The user is on the create work order screen.

Expected Results: The user will be able to select a date when they click on the “select date” button. A dialog box will be brought up and they will be able to select a date. Once they click on it then they will be brought back to the work order screen and they date will now take the place of where select date button was.

Test Case ID: 20

Objective: Selecting a job for the work order

Description: The user will be able to select a from a list of the typically job as requested from the client.

Test Conditions: The user is on the create work order screen.

Expected Results: The user will click on the drop down list which is labeled “Select…” and will be able to select typical jobs. Once they click the job the list will now display the job.

Test Case ID: 21

Objective: User will be able to fill in notes for the work order.

Description: The user will be given a section to fill in notes for a work order.

Test Conditions: The user is on the create work order screen

Expected Results: The user will fill in information that may be important information about the job. They will be able to write with no limit to the amount of text they write.

Test Case ID: 22

Objective: Maps screen will give option to view in Google Maps.

Description: The user has a button on the bottom right of the screen, which will open the current pinned area in Google Maps application.

Test Conditions: The user is on the Map screen.

Expected Results: The user will click on the bottom right of the screen and they will be redirected to the Google Maps screen with the location of the dropped pin.

Test Case ID: 23

Objective: Clicking on the email of the user should give user the option to email them

Description: User will be able to hold on the email and they will be given the option to email the user.

Test Conditions: User is on the client information screen.

Expected Results: Does not work.

Test Case ID: 24

Objective: Click to refresh the data on the graph.

Description: User will be able to click on the graph as a single button and it will refresh the data on the graph

Test Conditions: User is on the homepage/calender screen.

Expected Results: Does not work

Test Case ID: 25

Objective: Share work order data from application to other users via sms message

Description: User shall be able to click share button on the navigation drawer to share current screen with another user via sms messages

Test Conditions: Navigation drawer must be accessible

Expected Results:

Test Case ID: 26

Objective: Employee should not be able to delete a client.

Description: An employee that is not logged in as the admin should not be able to delete a client.

Test Conditions: Client has already been created, and user is logged in as a regular employee.

Expected Results: The button should not appear on the employee screen, only the admin should be able to view the delete button.

Test Case ID: 27

Objective: Data transparent circular zone on the Maps of Google

Description: Have data create a slight transparent circular zone on the Maps of Google of where the most common work orders are located.

Test Conditions: Users has more than a hundred work orders and is on the Maps screen.

Expected Results: Was not implemented thus it fails.

Test Case ID: 28

Objective: Resend verification email

Description: User shall be able to request another email authentication message by clicking on the email isn’t verified message on the home screen following the sign up page.

Test Conditions: Application is connected to the Internet

Expected Results: Application re-sends verification email with a different verification code.

Test Case ID: 29

Objective: Work orders are deletable

Description: User will be able to delete a work order from the work order list.

Test Conditions: Work order is already created and the user is logged in as the admin. The user needs to be on the work order list.

Expected Results: User will be deleted

Test Case ID: 30

Objective: Clients are deletable

Description: User shall be able to delete clients from the database if client information is no longer required

Test Conditions: Client has already been created and the user is on the admin account. Admin must be on the client list.

Expected Results: Client is deleted.