Customer Relationship Manager

System Test Report

Project name: _____**Karmecca CRM**_____
Team name: _____**Team-U-Can**_____

Team Members
Aaron Cheung
Matthew Goebel
Andrew Hang
Phu Ho
An Lam
Parker Martinez
Jay Yang

Date: 12/01/2019

Table of Contents

1.0 User Login screen – Enter Credentials and Submit
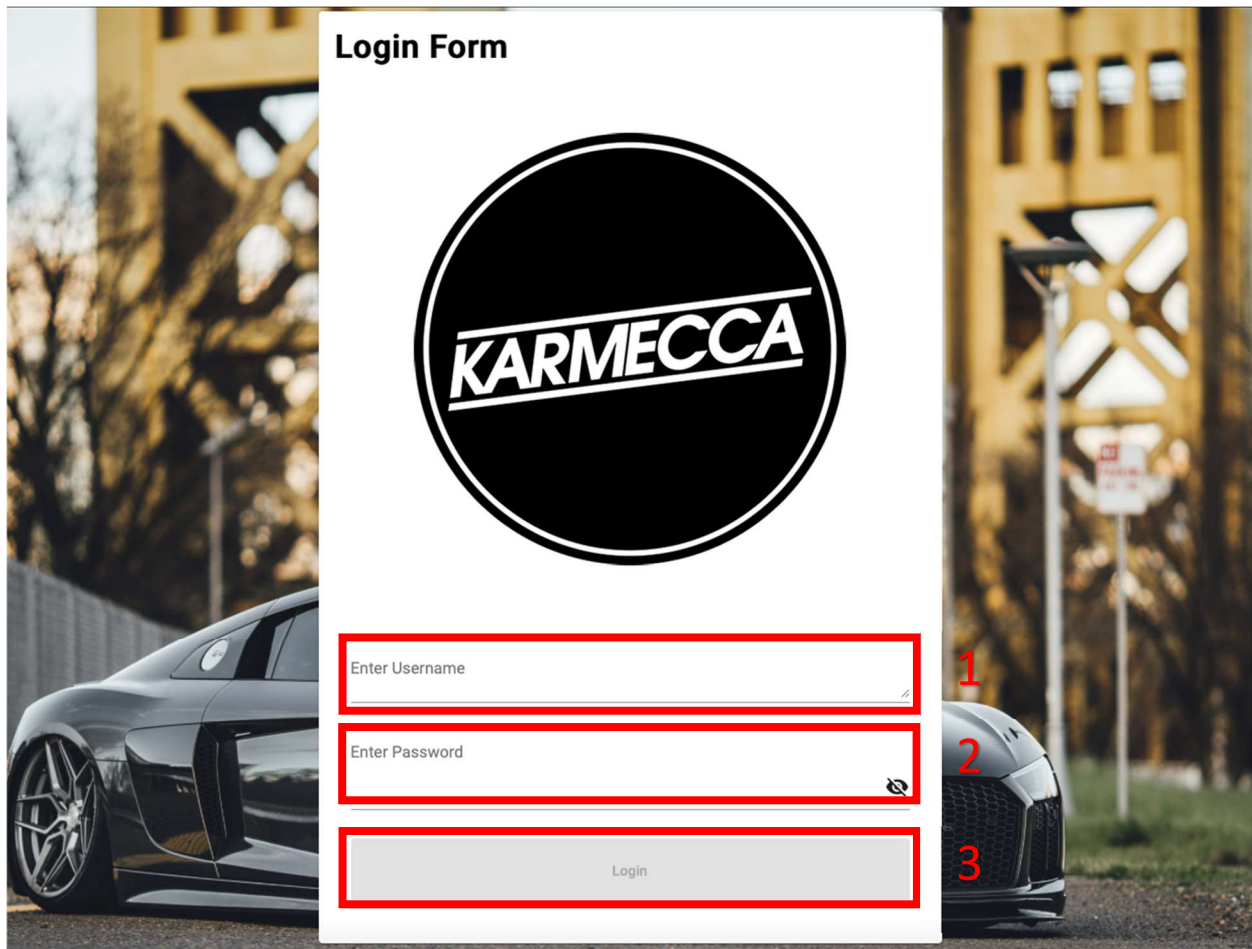

<div align="right">Figure 1: User Login View</div>

1.1 User-Interaction – Credentials

Test Description: This test is to verify that the user can successfully load the web application on the browser and is presented with the login screen to begin entering in their credentials. To perform this test, click on the 'Enter Username' field shown in Figure 1: Box 1, enter the desired username. Click on Figure 1: Box 2, enter the desired password. Press enter or select the 'Login' Button shown in Figure 1: Box 3.

Tester: Aaron Chung
Recorder: An Lam
Date: 10/07/2019

Specify Test input: Username: username123 Password: password123
Expected output: Login Form loads successfully. Figure 1: Box 1-3

☒ Verified
☐ Not Verified

1.2 User-Interaction – Submit login

Test Description: This test is to verify that the "Login" button will submit and accept the given login credentials. To perform this test, the user will need to click on the "Login" button shown in Figure 1: Box 3.

Tester: Aaron Chung
Recorder: An Lam
Date: 10/07/2019

Specify Test input: Username: username123 Password: password123
Expected output: Figure 1: Box 1-3 loads successfully and login button is submitted

☒ Verified
☐ Not Verified

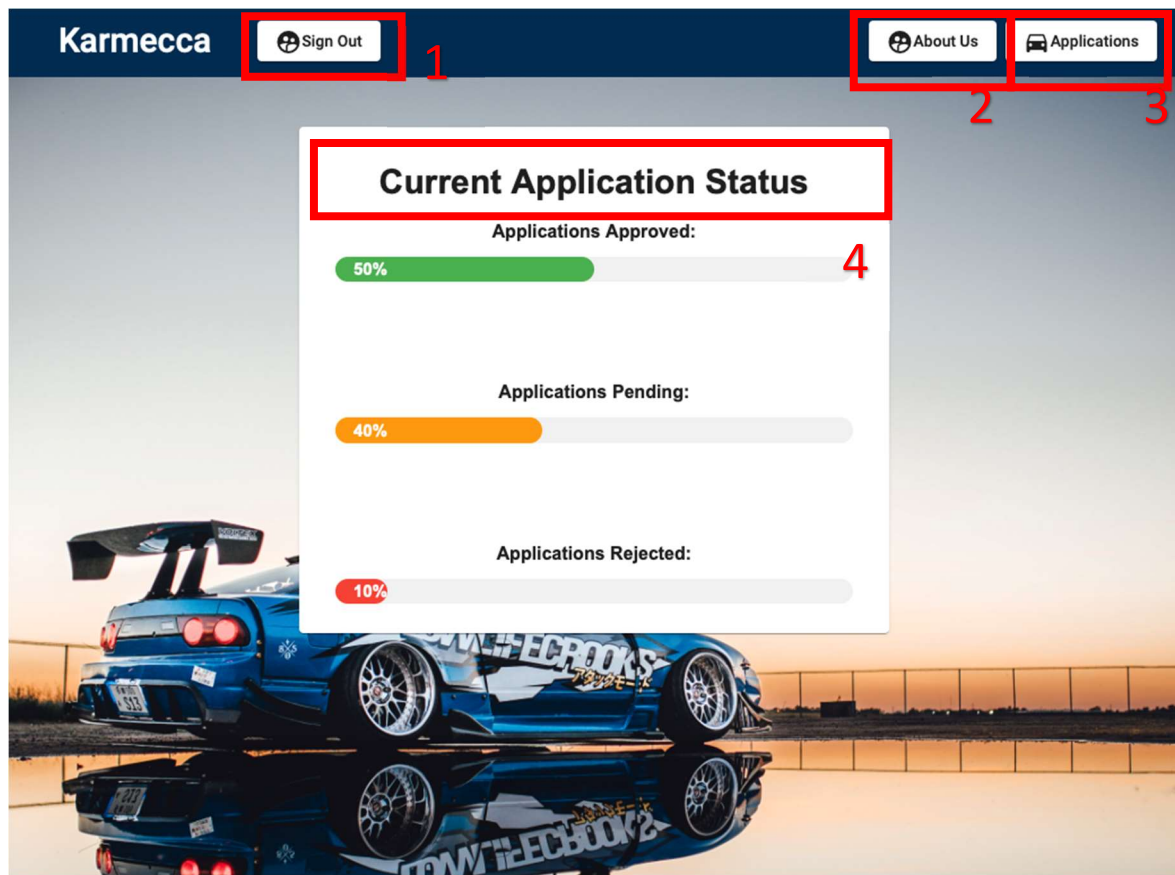# 2.0 Admin Dashboard View – Functionality

Figure 2: Admin Dashboard View

2.1   Admin Dashboard – Displays dashboard components

Test Description: This test is to verify that the user can successfully load the web application's administrator dashboard component. To perform this test, user should be greeted with the Admin Dashboard with the most up-to-date information displayed labeled 'Current Application Status' as illustrated in Figure 2: Box 4.

Tester: Matthew Goebel
Recorder: An Lam
Date: 10/14/2019

Specify Test input: N/A
Expected output: Admin dashboard loads successfully. Figure 2: Box 1-4

☒ Verified
☐ Not Verified

2.2   User-Interaction – Sign Out

Test Description: This test is to verify that the user can successfully sign out of the web application while navigating on the Admin Dashboard View. To perform this test, user should be greeted with the Admin Dashboard with the most up-to-date information displayed labeled 'Current Application Status' as illustrated in Figure 2: Box 4. User will need to click on the 'Sign Out' button Figure 2: Box 1.

Tester: Andrew Hang
Recorder: An Lam
Date: 10/14/2019

Specify Test input: N/A
Expected output: User successfully logs out from Admin Dashboard View. Figure 2: Box 1

☒ Verified
☐ Not Verified

2.3   User-Interaction – About Us

Test Description: This test is to verify that the user can successfully load the web application's About Us component while navigating on the Admin Dashboard View. To perform this test, user will need to click on the 'About Us' button in Figure 2: Box 2.

Tester: Phu Ho
Recorder: An Lam
Date: 10/14/2019

Specify Test input: N/A

Expected output: About Us view loads successfully. Figure 2: Box 2

☒ Verified
☐ Not Verified

2.4   User-Interaction – Applications

Test Description: This test is to verify that the user can successfully load the web application's Application component while navigating on the Admin Dashboard View. To perform this test, user will need to click on the 'Applications' button in Figure 2: Box 3.

Tester: An Lam
Recorder: An Lam
Date: 10/14/2019

Specify Test input: N/A
Expected output: Application table loads successfully. Figure 2: Box 3

☒ Verified
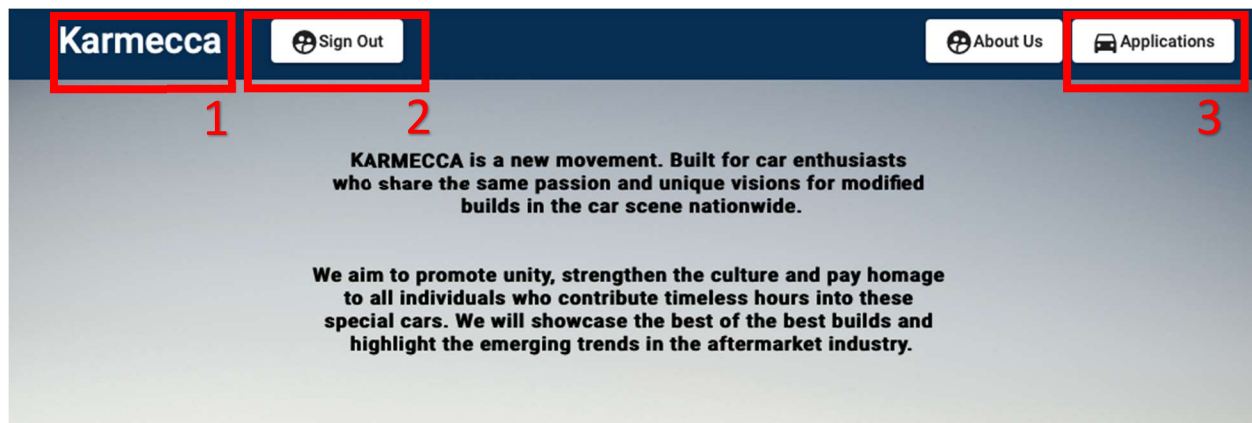☐ Not Verified

3.0 About Us View – Functionality

Figure 3: About Us View

3.1   About Us – Displays components

Test Description: This test is to verify that the user can successfully load the web application's About Us dashboard component. To perform this test, user should be greeted with the About Us View as illustrated in Figure 3.

Tester: Parker Martinez
Recorder: An Lam
Date: 10/21/2019

Specify Test input: N/A
Expected output: About Us View loads successfully. Figure 3.

☒ Verified
☐ Not Verified

3.2 User-Interaction – Home

Test Description: This test is to verify that the user can successfully load the web application's Home component while navigating on the About Us View. To perform this test, user will need to click on the 'Karmecca' home button in Figure 3: Box 1.

Tester: Parker Martinez
Recorder: An Lam
Date: 10/21/2019

Specify Test input: N/A
Expected output: 'Karmecca' home loads successfully. Figure 3: Box 1

☒ Verified
☐ Not Verified

3.3 User-Interaction – Sign Out

Test Description: This test is to verify that the user can successfully sign out of the web application while navigating on the About Us View. To perform this test, User will need to click on the 'Sign Out' button Figure 3: Box 2.

Tester: Jay Yang
Recorder: An Lam
Date: 10/21/2019

Specify Test input: N/A
Expected output: User successfully logs out from About Us View. Figure 3: Box 2

☒ Verified
☐ Not Verified

3.4 User-Interaction – Applications

Test Description: This test is to verify that the user can successfully load the web application's Application component while navigating on the About Us View. To perform this test, user will need to click on the 'Applications' button in Figure 3: Box 3.

Tester: Jay Yang
Recorder: An Lam
Date: 10/21/2019

Specify Test input: N/A
Expected output: Application table loads successfully. Figure 3: Box 3

☒ Verified
☐ Not Verified

4.0 Applications View – Functionality

Figure 4: Application Table View

4.1 Application Table – Displays components

Test Description: This test is to verify that the user can successfully load the web application's Application Table component. To perform this test, user should be greeted with the Application Table with the most up-to-date data from Mongo DB and labeled as illustrated in Figure 4.

Tester: Matthew Goebel
Recorder: An Lam
Date: 10/28/2019

Specify Test input: N/A
Expected output: Application table loads successfully. Figure 4.

☒ Verified
☐ Not Verified

4.2 User-Interaction – Sign Out

Test Description: This test is to verify that the user can successfully sign out of the web application while navigating on the About Us View. To perform this test, User will need to click on the 'Sign Out' button Figure 4: Box 2.

Tester: Andrew Hang
Recorder: An Lam
Date: 10/28/2019

Specify Test input: N/A
Expected output: User successfully logs out from Application Table View. Figure 4: Box 2

☒ Verified
☐ Not Verified

4.3 User-Interaction – About Us

Test Description: This test is to verify that the user can successfully load the web application's About Us component while navigating on the Application Table View. To perform this test, user will need to click on the 'About Us' button in Figure 4: Box 3.

Tester: Phu Ho
Recorder: An Lam
Date: 10/28/2019

Specify Test input: N/A
Expected output: About Us view loads successfully. Figure 4: Box 3

☒ Verified
☐ Not Verified

4.4 User-Interaction – Add User

Test Description: This test is to verify that the user can successfully add a new user to the Application table. To perform this test, user select the 'Add User' button Figure 4: Box 4. Fill out the required information from the pop-up menu. New application should be added to MongoDB and Application Table should be refreshed to display most up to date information.

Tester: Jay Yang
Recorder: An Lam
Date: 10/28/2019

Specify Test input: Name: jim, E-Mail: jones@fakeEmail.vendor
Expected output: MongoDB is updated with new applicant information and Application Table is refreshed with most up to date applications.

☒ Verified
☐ Not Verified

4.5 User-Interaction – Export to CSV

Test Description: This test is to verify that the user can successfully export the current Application Table to CSV file and allow the admin to download it locally. To perform this test, user should select the 'Export to CSV' button in Figure 4: Box 5 and download the CSV to their local computer.

Tester: Matthew Goebel
Recorder: An Lam
Date: 11/04/2019

Specify Test input: N/A
Expected output: User can export current Application Table to CSV and download it locally to PC.

☒ Verified
☐ Not Verified

4.6 User-Interaction – Filter

Test Description: This test is to verify that the user can successfully filter the Application Table by text. To perform this test, user select the text field illustrated in Figure 4: Box 5. Input a text to filter out an applicant.

Tester: Andrew Hang
Recorder: An Lam

Date: 11/04/2019

Specify Test input: Name: jim, E-Mail: jones@fakeEmail.vendor
Expected output: Applicant jim is filtered out on the Application table.

☒ Verified
☐ Not Verified

4.7 User-Interaction – Sort

Test Description: This test is to verify that the user can successfully sort the Application table by category. To perform this test, user should select the one of the headings in Figure 4: Box 7. Select a category to sort by.

Tester: An Lam
Recorder: An Lam
Date: 11/04/2019

Specify Test input: N/A
Expected output: User is able to sort by category selected.

☒ Verified
☐ Not Verified

4.8 User-Interaction – Edit

Test Description: This test is to verify that the user can successfully edit an applicant that is displayed on the Application table. To perform this test, user should select the hamburger menu as illustrated in Figure 4: Box 8. A pop-up menu will display and allow the user to edit Applicant information. Once finished editing, user can accept the changes.

Tester: Jay Yang
Recorder: An Lam
Date: 11/11/2019

Specify Test input: Name: jim, E-Mail: jones@fakeEmail.vendor
Expected output: User is able to edit an existing applicant.

☒ Verified
☐ Not Verified

4.9 User-Interaction – Email

Test Description: This test is to verify that the user can successfully send an acceptance email to an applicant. To perform this test, user should select the mail button next to an applicant as illustrated in Figure 4: Box 9.

Tester: Andrew Hang
Recorder: An Lam
Date: 11/11/2019

Specify Test input: N/A
Expected output: User is able to send out an email to an existing applicant.

☒ Verified
☐ Not Verified

4.10 User-Interaction – Items per page

Test Description: This test is to verify that the user is able to change the items per page for the Application table. To perform this test, user should select the number of items per page desired.

Tester: Phu Ho
Recorder: An Lam
Date: 11/18/2019

Specify Test input: N/A
Expected output: User is able change the number of items per page.

☒ Verified
☐ Not Verified

4.11 User-Interaction – Page navigation

Test Description: This test is to verify that the user can successfully navigate the pages on the Application table. To perform this test, user should select the forward and back button as illustrated in Figure 4: Box 10.

Tester: Phu Ho
Recorder: An Lam
Date: 11/18/2019

Specify Test input: N/A
Expected output: User is able to navigate the pages on the Application table.

☒ Verified
☐ Not Verified

System Test Report
Approval Form

System testing is the process whereby the complete, integrated software application is tested and is intended to evaluate and verify the system's compliance with the specified requirements. The System Test document contains the description of the systems tests used.
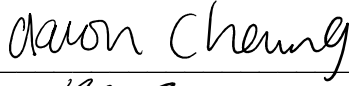
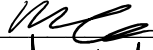## Product Owner

Phillip Isidro
Owner
Karmecca, Inc.

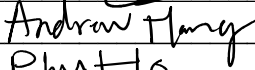## The System Test Report document prepared by the Senior Project Team

Team-U-Can
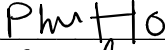
Team members
Aaron Chung
Matthew Goebel
Andrew Hang
Phu Ho
An Lam
Parker Martinez
Jay Yang

Date: 12/10/19