Sri Lanka Institute of Information Technology

IT3060 - Human Computer Interaction

Assignment 3

Riyasewana

Group number	**2024–WE–S1-66**
Group name	**KandyFtGalle**

	Student ID	**Name**	**Workload Distribution**
Member 1	IT22340832	WANIGASINGHE C.P	1. Contribution Page 2. Contribution Payment Page 3. Leasing Offer Page
Member 2	IT22339324	WIJERATHNE M.A.S.M	1. Add wanted Ads Page 2. Edit/Delete Wanted Ads 3. Search Wanted Ads
Member 3	IT22890528	WICKRAMASURIYA C.I	1. Login 2. Registration 3. My Account Page 4. My Profile Page 5. Edit My Profile
Member 4	IT22345578	GALAPPATHTHI A.G.R.S	1. Vehicle Details 2. Contact Us 3. Favorites
Member 5	IT22031020	HERATH H.M.T.P	1. Selling form 2. Edit selling form 3. Delete selling item

<u>Introduction</u>

Businesses are expanding more quickly now than they did in previous decades. In the past, businesses grew very slowly because there was a dearth of movement and communication. Also, the businesses' promotion was done very slowly. However, with the advent of technology, we used to witness the expansion of enterprises. E-commerce emerged with the development of mobile devices, internet access, and other digital technologies.

In the meantime, everyone used the internet to simplify things. In the past, people ordered their necessities online using their smartphones and other devices. They used to simplify things, and corporations even desired to apply technology to speed up their procedures. Online commerce platforms like Amazon.com, Daraz.lk, ikman.lk, and Riyasewana.com were developed with that goal in mind. We evaluated every website and ultimately selected the Riyasewana.lk website for our project.

Our mission is to remodel this website, which has numerous usability problems. Our primary responsibility was to examine the CRUD (Create, Read, Update, and Delete) activities, and we may have discovered some problems there. Working on this project has presented us with numerous real-world obstacles.

First, we saw the inadequate use of the colour systems when investigating the usability problems. Some examples of hues used were background, button, and icon colours. We also noticed that the fonts and image sizes were a problem. The other was the careless button-pressing. There were occasionally missing buttons from the necessary locations that we could easily locate. Additionally, a significant problem was that search engines were not employed on every page.

After fixing all the usability problems, we were able to redesigned Riyasewana.lk into a user-friendly platform that allows users to navigate and do tasks with ease. Every member of our crew was committed to giving this project their all, and when redesigning, we all applied our collective knowledge to the fullest extent possible.

Thus, via working on this project, we were able to expand our portfolios while honing our skill set and learning how to create a user-friendly website that meets the requirements.

Methodology

We managed to make this project successful by using 3 methods which are online interviews, video transcript and video recordings. We have interviewed three participants from video interviewing sessions and we made this project successful. We understood the usability issues and thought of designing them separately.

   As mentioned we interviewed users to understand the users' issues experienced when they were using the system. With all the information gathering we decided to design them in a user-friendly manner. We used WhatsApp group calls for minor discussions and Microsoft Teams for the large decision taking meetings by sharing our screens. We used MockFlow to draw the wireframe sketches and Figma to design the interfaces.

   Finally to make our video demonstrations about the workload distributions, we used CapCut and other editing tools.

Project Link

https://www.figma.com/design/8pG3zFL73eB4hriCv9ndWn/Y3S1-Project---Main-Page(Riyasewana.com)?node-id=4-5&t=lu9bjaIiYEmitkUD-1

Screenshot of interface

IT22340832-WANIGASINGHE C.P

Contribution Page □ contribution_page

Contribution Payment Page □ contribution_payment_page

Leasing Offer Page □ leasing_offer_page

Video Link□
https://drive.google.com/file/d/1ViTPanYvHMZPCV-kbM7wleRfvYLpCzrq/view?usp=share_link

IT22339324 - WIJERATHNE M.A.S.M

Wanted Ad Page □ wanted_ad_page

Edit/Delete Wanted Ads □ edit/delete_wanted_ads

Search Wanted Ads □ search_wanted_ads

Video Link□
https://drive.google.com/file/d/1nSBGCc8wqdGfpsD9n7ASEoB6RMausebM/view?usp=drive_link

IT22890528 - WICKRAMASURIYA C.I

Login Page □ login_page

Registration Page □ registration_page

My Account Page□ my_account_page

My Profile Page□ my_profile_page

Edit My Profile Page□ edit_my_profile_page

Video Link□
https://drive.google.com/file/d/1wUmT7sm8fvFwLU1a0KlKzlf3gKq4Jqv8/view?usp=sharing

IT22345578 - GALAPPATHTHI A.G.R.S

Contact Us Page □ contact_us_page

Favorite Page □ favorite_page

Vehicle details Page □ vehicle_details_page

Video Link□
https://drive.google.com/file/d/1dx6s_ZSXfnQFLcEDvzLZBEI9tQywGE3m/view?usp=sharing

IT22031020 - HERATH H.M.T.P

Home Page □ home_page

Selling form □ selling_form

Edit/Delete selling item □ edit/delete_selling_item

Video Link□https://drive.google.com/file/d/1dEGtOtWl6_dBIzw39oANP3XuAPlSLUF5/view?usp=sharing

Tese Cases

IT22340832-WANIGASINGHE C.P

Contribution Page

IT Number	IT22340832			
Name	Wanigasinghe C.P.			
Test Case Name	Make a contribution to the website			
Test ID	**Test (Input)**	**Expected Output**	**Actual Output**	**Results (Pass / Fail)**
0110	Enter all the required details with the contribution amount and the contact details.	Successfully get the details of the contributor and direct to the contribution options page.	Successfully navigate / direct to the contribution option page.	Pass

Contribution Payment Options Page

IT Number	IT22340832
Name	Wanigasinghe C.P.
Test Case Name	Choose the contribution option from online payment methods

Test ID	Test (Input)	Expected Output	Actual Output	Results (Pass / Fail)
0111	After entering the amount, user directs here to choose the option that he/she has to make the contribution.	User directs to the page successfully and asked to choose the contribution option. Ex:- VISA, American Express,Sampath Vishwa, FriMi	Successfully navigate to the page of contribution options and direct to choose.	Pass

Contributor Verification Page

IT Number	IT22340832
Name	Wanigasinghe C.P.
Test Case Name	Ask the contributor to enter the details to verify the contribution.

Test ID	Test (Input)	Expected Output	Actual Output	Results (Pass / Fail)
0112	The User has to enter his/her bank account details in order to verify the contributor details.	Successfully ask the contributor to enter the bank account details to verify them.	Successfully asks to enter the contributor bank account details	Pass

OTP Number Verification Page

IT Number	IT22340832			
Name	Wanigasinghe C.P.			
Test Case Name	Make the payment only after verifying the OTP			
Test ID	Test (Input)	Expected Output	Actual Output	Results (Pass / Fail)
0113	Asks the user to enter the OTP number in order to verify the contribution. (The final verification of the contribution)	Successfully generate the details of the contributor and enter the OTP number received by him/her.	Successfully generate the details and sends the verification OTP code to the contributor.	Pass

Leasing Offer Page

IT Number	IT22340832
Name	Wanigasinghe C.P.
Test Case Name	Make a contribution to the website

Test ID	Test (Input)	Expected Output	Actual Output	Results (Pass / Fail)
0114	Directs users to enter the details and get connected with an agent to know about the leasing offers presented by few renowned companies in SL.	Successfully get the details of each user and direct user to know about the various leasing offers	Successfully navigate / direct to enter the details and get connected to an agent.	Pass

Sample Analysis of Date

Name of the participant	Feature 1	Feature 2	Feature 3	Note
Wijerathne M.A.S.M				
Wickramasuriya C.I.				**No issues**
Galappaththi A.G.R.S				
Herath H.M.T.P.				

Function Description

Member	Interface	Function Description
IT22340832	Contribution Page	This page allows the contributors to make contributions and logging in is not compulsory. Contributors have to enter their names, contact numbers, email addresses and the amounts they are willing to contribute. Thereafter when the contributor clicks on "Contribute" button, it directs to the payment options.

	Contribution Payment Option Page	This allows contributors to select the payment options and here they can make the cash deposit directly as a fund transfer. Or else the contributors can make the payments via debit/credit cards such as VISA, Mastercards, American Express etc. There are other contribution methods as FriMi, Sampath Wishwa Online and iPay.
	Contributor Verification Page	This page allows the contributors to enter the bank account details as the contributor verification process. Contributors have to enter the Bank, Account Number as well as the NIC number and click on "Next" button.
	OTP Number Verification Page	This page includes the final process of the contribution and this allows the contributors to enter the OTP (One Time Password) as the payment verification. Once the OTP is entered, a message will appear on the screen that the contribution was made successfully.
	Leasing Offer Page	This page allows contributors / users to get connected with an agent and know the details about leasing offers offered by different leasing and banking companies. Contributors have to enter their full names, contact numbers as well as the cities they resides and click on the "Submit" button.

IT22339324 - WIJERATHNE M.A.S.M

Add Wanted Ads

IT Number	IT22339324			
Name	Wijerathne M A S M			
Test Case Name	Add Wanted Ads			
Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)
0147	Fill the Add Wanted Ads form and click the submit button	Successfully Add the details to the search wanted ads page	Successfully Added.	Pass

Edit/Delete Wanted Ads

IT Number	IT22339324			
Name	Wijerathne M A S M			
Test Case Name	Edit Wanted Ads			
Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)
0148	Click the Edit button and give access to edit the details that have added before.	Successfully Edit .	Successfully Edit .	Pass

IT Number	IT22339324			
Name	Wijerathne M A S M			
Test Case Name	Delete Wanted Ads			
Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)
0148	Click the Delete button and delete the ad that the user wanted to delete.	Successfully Delete.	Successfully Delete.	Pass

Search Wanted Ads

IT Number	IT22339324			
Name	Wijerathne M A S M			
Test Case Name	Search Wanted Ads			
Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)
0149	Filter the correct ads by search the ads in search bar.	Click the search bar in the ' search wanted ads' page and filter the ad correct ads.	Successfully filtered.	Pass

IT Number	IT22339324			
Name	Wijerathne M A S M			
Test Case Name	Search Wanted Ads			
Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)
0149	Click the search wanted ads button and navigate to the search wanted ads page	Click the search wanted ads button and navigate to the search wanted ads page	Successfully Navigate to the search wanted ads page.	Pass

Sample Analysis of Date

Name of the participant	Features 1 / Tasks 1	Features 1 / Tasks 2	Features 1 / Tasks 3	Note
WANIGASIGHE C.P				No issues
WICKRAMASURIYA C.I				
A.G.R.S GALAPPATHTHI				
HERATH H.M.T.P				

Function Description

Member	Interface	Function description
IT22339324	Add Wanted Ads Page	This allows the users to add a wanted ad they want by filling out a simple form. First, they need to log in to the system by giving their username and password. They can navigate to the add wanted ads page and fill out the form given. All the fields in the form are required to answer. After clicking on the submit button they can see the form details that they uploaded to the website in the left part of the page with the card view.
	Edit/Delete Wanted Ads	Users can see all the uploaded wanted ads right after submitting the 'Add wanted ads form'. They can Edit the each ad they uploaded before by clicking on the 'edit' icon. Also they can delete each ad by clicking on the 'delete' icon. They can add each ad to their favorites.

	Search Wanted Ads	Users can navigate to the Search Wanted Ads page by clicking the 'Search Wanted Ads' button. The interface shows all the 'wanted ads' that different users have uploaded by card view. Each card has a 'Phone' icon and 'Add to favorites' icon. They can filter the wanted ads they want by choosing the vehicle type. They can also navigate to the saved ads and the recently viewed ads. From the search bar they search the vehicles they wanted.

IT22890528 - WICKRAMASURIYA C.I

Login Page

IT Number	IT22890528			
Name	Wickramasuriya C.I			
Test Case Name	Login to the site.			
Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)
0150	Fill in the user name and password fields and click the login button.	Successfully login and navigate to the My Account page.	Successfully login.	Pass

Register Page

IT Number	IT22890528			
Name	Wickramasuriya C.I			
Test Case Name	Register to the site.			
Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)
0151	Fill out the form and click the register free button.	Successfully register and navigate to the My Account page.	Successfully registration.	Pass

My Account Page

IT Number	IT22890528			
Name	Wickramasuriya C.I			
Test Case Name	Delete and edit save vehicles.			
Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)
0152	Click the delete button, then delete all the details in the fields.	Successfully delete.	Successfully delete.	Pass
0153	Click the edit button, then navigate to the selling form page.	Navigate to the selling form page.	Successfully navigate.	Pass

IT Number	IT22890528			
Name	Wickramasuriya C.I			
Test Case Name	Click the profile icon and navigate to the profile page.			
Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)
0154	Click on the profile picture icon.	Navigate to the profile page.	Successfully navigate.	Pass

Profile Page

IT Number	IT22890528			
Name	Wickramasuriya C.I			
Test Case Name	Click the edit profile or change password button and navigate to the edit profile page.			
Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)
0154	Click the edit profile or change password button	Navigate to the edit profile page.	Successfully navigate.	Pass

IT Number	IT22890528			
Name	Wickramasuriya C.I			
Test Case Name	Click the My Favorite button and navigate to the My Favorite page.			
Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)
0154	Click the My Favorite button	Navigate to the My Favorite page.	Successfully navigate.	Pass

Edit Profile Page

IT Number	IT22890528
Name	Wickramasuriya C.I
Test Case Name	Edit profile details.

Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)
0154	Renter the personal details fields and click the edit profile button.	Successfully edit profile details and navigate to the My Profile page.	Successfully edit.	Pass

Sample Analysis of Date

Name of the participant	Features 1 / Tasks 1	Features 2 / Tasks 2	Features 3 / Tasks 3	Note
WANIGASIGHE C.P				No issues
WIJERATHNE M.A.S.M				
GALAPPATHTHI A.G.R.S				
HERATH H.M.T.P				

Function Description

Member	Interface	Function description
IT22890528	Login page	This allows users to log in using their credentialing username or email and password. This form also includes a "Remember Me" checkbox for convenience at later logins. There is also a link to "Forgot password or username" for recovery purposes. In the event that the user does not have an account, there is an option to take them to the registration page entitled "Register Free".
	Registration page	Allows new users to register with the site, filling in essential information such as username, email, password, name, phone number, and city. Password validation can be done for at least 8 characters for better security. Provide a Select menu for selecting the city from a predefined list of cities. A checkbox for accepting "Terms & Conditions" before the user can submit the form to mark the end of the registration process. Users will then be taken to their "My Account" page after registering successfully.

		My account page	Displays key features such as filtering options to buy or sell vehicles or parts. Provides the user with saved or favorite vehicles they have listed or bookmarked. Contains navigation options to extra actions like add wanted ad and search wanted an for wanted ads. Users can also edit or remove saved information; confirmations before actual deletion help avoid any accidental loss of data.
		Profile page	It gives a view of the user down to the minutest detail, including the username, name, email address, phone number, and city. Includes edit profile details, change password, and favorite items management. Navigate to edit profile or change password page when an option is chosen. Allow the user to view, update, or modify their current account information or personal data in an easy manner.

| | Edit profile page | Allows the user to change their personal information: username, name, email, phone number, and city. Includes a dropdown that allows selecting a new city if needed. Features an "Edit Profile" button to apply the changes made on the profile.

Once the changes have been updated and saved, the user will be redirected to the "My Profile" page. Allows for modifications to be done without changing the basic credentials of the login, like username/e-mail. |

IT22345578 - GALAPPATHTHI A.G.R.S

Contact Us

IT Number	IT22345578			
Name	A G R S Galappaththi			
Test Case Name	Send a message to customer service.			
Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)
TC001	1. Make sure your name, phone number, email address, and message are correct. 2. Select "Send" from the menu.	After properly submitting the form, a confirmation message ought to appear.	The form was successfully submitted, and a confirmation page appeared.	PASS
TC002	1. Leave the Name, Contact Number, and Message fields empty. 2. Select "Send" from the menu.	The required fields that need to be filled in should be indicated by an error message that appears.	The error message "Please fill in all required fields" was shown.	PASS
TC003	1. Type in an incorrect email address, such as "test@.com". 2. Select "Send" from the menu.	The incorrect email format should be indicated by an error message that appears.	There was an error message saying, "Invalid email format."	PASS

Favorites

IT Number	IT22345578			
Name	A G R S Galappaththi			
Test Case Name	Expand FAQ Heading dropdowns.			
Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)
TC004	1. Select each of the FAQ headings (such as FAQ Heading 1, 2, etc.). 2. Check to see if the portion opens up or closes.	When you click on the FAQ section, it should expand to display material and then collapse again.	FAQ naturally expanded and contracted.	PASS

IT Number	IT22345578			
Name	A G R S Galappaththi			
Test Case Name	Navigate the page.			
Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)

| TC001 | 1. Navigate to "My Favorites" page. | The most popular ads need to be enumerated with information (Pic, Details, Ad Date, Delete). | Ads containing all the necessary information were displayed. | PASS |

IT Number	IT22345578			
Name	A G R S Galappaththi			
Test Case Name	Delete an add in 'My Favorites'.			
Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)
TC002	1. Select a favourite advertisement by clicking the remove symbol (X). 2. If prompted, confirm deletion.	If possible, the advertisement ought to be eliminated from the list of favourites, and the list ought to refresh automatically.	The ad was effectively removed, and the list was updated instantly.	PASS

IT Number	IT22345578			
Name	A G R S Galappaththi			
Test Case Name	Click on 'Edit My Ads' button.			
Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)
TC003	1. Press the "Edit My Ads" menu item. 2. Verify that the edit advertisements page is reached.	The user should be taken to the "Edit Ads" page so they may make changes to their ads.	Successfully redirected to the "Edit Ads" page.	PASS

IT Number	IT22345578			
Name	A G R S Galappaththi			
Test Case Name	Click on 'Change Password' button.			
Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)

TC004	First, select the "Change Password" option. 2. Check to see if the password change form appears.	In order to modify the password, the user should be sent to a form.	sent, as anticipated, to the "Change Password" form.	PASS

IT Number	IT22345578			
Name	A G R S Galappaththi			
Test Case Name	Click on 'Logout button' button.			
Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)
TC005	1. Select "Logout" from the menu. 2. Check to see if the user has been sent to the login page after being logged out.	After being sent to the login or home page, the user should be logged out.	The user was taken to the home page after being logged out.	PASS

Vehicle details

IT Number	IT22345578
Name	A G R S Galappaththi
Test Case Name	Navigate the page.

Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)
TC001	1. Go to the vehicle details page for the car of your choice. 2. Verify that every information is visible.	Every field should be filled out and the car details properly shown.	Every element about the car was shown accurately.	PASS
TC002	1. Go to the page with the vehicle details. 2. Check to make sure the phone number is formatted correctly.	The phone number (for example, "071 423 9994") should be formatted appropriately according to the location.	The contact number is shown in the right format.	PASS

TC003	1. Go to the page with the vehicle details. 2. Verify that there are no broken links or placeholders when loading car photos.	All car photos should load successfully, without any broken links.	No problems loading images, and no broken links were discovered.	PASS

Sample Analysis of Date

Name of the participant	Features 1 / Tasks 1	Features 2 / Tasks 2	Features 3 / Tasks 3	Note
WANIGASIGHE C.P				No issues
WIJERATHNE M.A.S.M				
GALAPPATHTHI A.G.R.S				
HERATH H.M.T.P				

Function Description

Member	Interface	Function description
IT22345578	Contact Us Page	Users can send a message with questions or requests for assistance using the form on the Contact Us page. There is a section dedicated to Frequently Asked Questions (FAQs) that addresses common user concerns such service fees and ad approval. For more assistance, contact details and business hours are supplied.
	Favorites Page	Users can view and manage the automobile adverts they have saved on this page. Each advertisement's essential facts, such the kind of car and the expiration date, are shown. In addition to editing their advertising, changing their passwords, and logging out of their accounts, users can erase their adverts.

| | Vehicle details Page | This website offers complete information about a certain car, such as the make, model, cost, mileage, manufacturing year, and engine specs. It includes the seller's contact information and displays photos of the vehicle for potential purchasers. |

IT22031020 - HERATH H.M.T.P

Home Page

IT Number	IT220301020			
Name	Herath .H.M.T.P			
Test Case Name	Home Page			
Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)
0111	Fill the option and price and any other details in vehicle	Successfully Add the details to the search filter	Successfully filtered Vehicle.	Pass

Selling Form

IT Number	IT220301020			
Name	Herath H.M.T.P			
Test Case Name	Selling Form			
Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)

0112	Fill the text filed correctly form given criteria and click Submit button.	Successfully Add Selling ad.	Successfully Add.	Pass

IT Number	IT220301020
Name	Herath H.M.T.P
Test Case Name	Edit Selling ad

Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)
0113	Click the Edit button and give access to edit the details that have added before.	Successfully edit.	Successfully edit.	Pass

Delete Ads

IT Number	IT220301020
Name	Herath H.M.T.P
Test Case Name	Delete Selling ad

Test ID	Test (Input)	Expected Output	Actual Output	Result (Pass/Fail)
0114	Click the Delete button and delete the ad that the user wanted to delete	Successfully Delete.	Successfully Delete.	Pass

Sample Analysis of Date

Name of the participant	Features 1 / Tasks 1	Features 1 / Tasks 2	Features 1 / Tasks 3	Note
WANIGASIGHE C.P				No issues
WICKRAMASURIYA C.I				
A.G.R.S GALAPPATHTHI				
WIJERATHNE M A S M				

Function Description

Member	Interface	Function description
IT22031020	Home Page	The home page serves as the main landing page for users visiting the Riyasewana website. Upon navigating to the site, users are greeted with a clean and informative interface. The page showcases featured items for sale, popular categories, and options to browse through a variety of advertisements. Users can log in or sign up to access full features such as posting ads or managing their listings. The home page also contains quick navigation links to important sections like the selling form, personal account details, and contact information for customer support.
	Selling Form	The selling form allows users to post an item they wish to sell on the Riya Sewana platform. To access this feature, users must first log in with their credentials. After logging in, they can navigate to the "Post an Ad" section, where they will be required to fill out the selling form. The form includes fields such as item name, category, description, price, and contact details. Users can upload images of the item they are selling, and all fields are mandatory to ensure a complete ad submission. Once they submit the form, the advertisement will be live on the website, allowing

		potential buyers to view the item details and contact the seller.
	edit/Delete selling ad	To edit an ad, users can select the "Edit" option next to the desired listing, which directs them to an edit form pre-filled with the original details of their post. They can update information such as the item's price, description, or images. Once they make the necessary changes, users can submit the form, and the updated ad will immediately reflect the changes on the website for potential buyers to see. To delete an ad, users can select the "Delete" button next to the corresponding listing. Upon confirmation, the ad will be permanently removed from the website, and buyers will no longer be able to view the details or contact the seller about the removed item. This feature provides users with the flexibility to manage their advertisements effectively and maintain an up-to-date listing on the platform.

Summary

We highlighted the issues and structural shortcomings of the Riyasewana website as we introduced our project in this session. We then looked at other underperforming websites in the automobile business to determine which one was the most problematic. We carefully classified and determined three distinct stakeholder groups, each with unique demands and usability issues, after choosing our target website. This phase provided useful information on the various requirements of primary, secondary, and tertiary customers, paving the way for our website redesign.

Following that, we created detailed wireframes for the desktop user interfaces to begin the redesign process.

Two distinct interface options were carefully considered before the most suitable wireframe was selected. With Figma, we were able to turn these wireframes into aesthetically pleasing and intuitive user interfaces. The creation of an extensive video presentation showcasing the features and capabilities of the new interface was a requirement that went above and beyond the call of duty for our project. Furthermore, we made interactive Figma prototypes available to visitors so they could explore and use the newly designed Riyasewana website. We successfully completed the project and produced a comprehensive report that summarised our work during the final stages and provided a thorough explanation of the new interface's features and operation.

.

Gantt chart

Task Name	01 Oct	02 Oct	03 Oct	04 Oct	05 Oct	06 Oct	07 Oct	08 Oct	09 Oct	10 Oct	11 Oct	12 Oct	13 Oct	14 Oct
Project Planning and Requirements Gathering	■													
UI/UX Design and Wireframing		■	■	■										
Prototype Development and Integration			■	■	■									
Multimedia Integration (Images, Icons, Colors)						■	■							
Usability Testing and Problem Identification								■	■					
Usability Improvements and Issue Resolution										■	■			
Video Presentation Preparation												■	■	
Final User Evaluation and Report Preparation and Project Submission														■

References

https://help.figma.com/hc/en-us

https://riyasewana.com

Appendix

Contribution Page

Contribution Payment Page

Leasing Offer Page

Add wanted Ads Page

Edit/Delete Wanted Ads
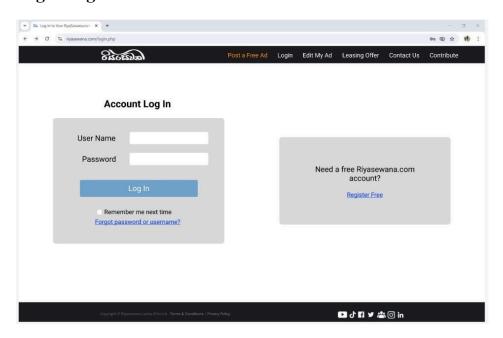

Search Wanted Ads

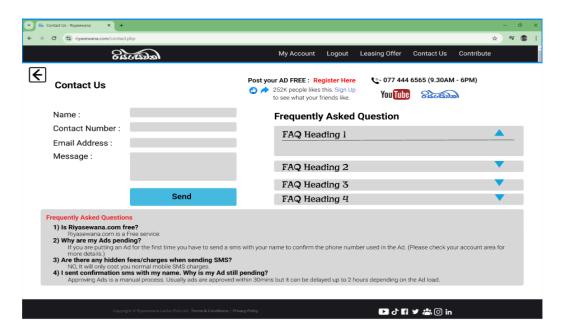# My Account Page

Edit Profile Page
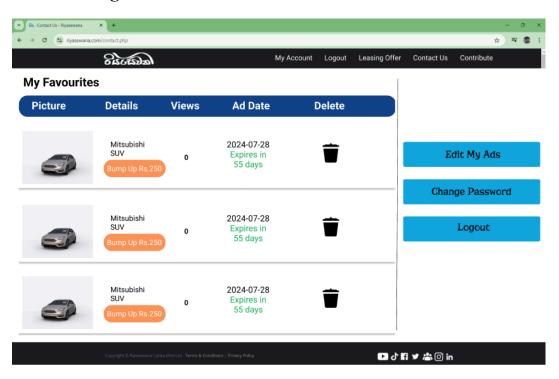

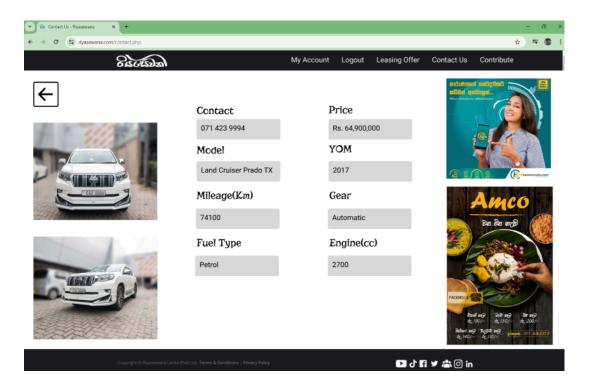# Registration Page

Profile Page

Login Page
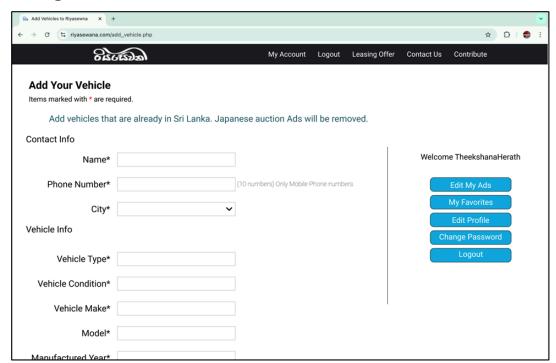
Contact Us Page

Favorites Page

Vehicle Detail Page
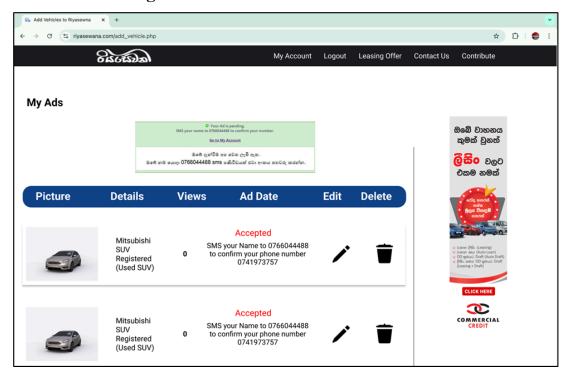
Home Page

Selling form

Edit/Delete selling item

<u>Conclusion</u>

In order to make Riyasewana.com far more visually appealing and user-friendly, we concentrated on making significant usability enhancements. In order to improve the user experience, we reduced excessive white space, improved navigation and search capabilities, and created a clear visual hierarchy that made it simple for users to locate and manage car listings and adverts.

This page appears more polished and appealing due to the better alignment and space. In order to deliver a seamless user experience and captivating engagement, we refined a number of sites, including Contribute, Contact Us, MyAds, Leasing Offer, and Login.

The project improved our professional portfolio by demonstrating our abilities to tackle and overcome actual, practical web design obstacles while also resolving usability issues.