



Sri Lanka Institute of Information Technology
Human Computer Interaction IT3060
Assignment 02 - Report
Project title-Riyasewana
Group number-2023-WE-S2-52
Tema Name- Challengers

	Name with Initials	Registration Number	Workload Distribution
1.	Mendis A.R.P.	IT21228094	<ul style="list-style-type: none"> • Search Wanted Page • My Account Page • Edit Profile Page • Change Password Page
2.	JayasingheJ.A.J.M.	IT21225574	<ul style="list-style-type: none"> • Home page • Sell vehicles page • My Favourite Page
3.	SandaruwanW.M.I.M.	IT21231100	<ul style="list-style-type: none"> • Buy Spare Parts Page • Registration Page • Login Page
4.	Madhusanka J.A.A.	IT21215292	<ul style="list-style-type: none"> • Edit ad/ Delete ad Page • Ad view Page • Vehicle Leasing page
5.	Bhagya P.S	IT21225024	<ul style="list-style-type: none"> • Contribute Page • Contact US Page • Buy Vehicles Page

Transcript of the interview with the User- 01

Bhagya: Hello Sahan, we are gathering some feedback from customers.

Would you down to answer the several question about real seven?

Sahan: Yeah sure.

Bhagya: OK, so did you previously use this website?

Sahan: Yes, I did.

Bhagya: Are you regularly visited to this website?

Sahan: Yes, of course.

I usually visit the website regularly.

Bhagya: Which time do you use this type of website?

Sahan: Yeah, it's most probably like in the evening when I get kind of free time. You know?

Bhagya: Can I know? Is it easy to find any information?

Sahan: No, not at all.

It's kind of hard-to-find details sometimes.

Bhagya: Are you in contact with anyone?

Sahan: Yes, I have tried to contact the admin via emails and several times, but I couldn't contact them.

Bhagya: Have you ever purchased vehicles or weaker parts from this website?

Sahan: No.

Bhagya: OK, I want to know did you comfortable when utilizing the receiver?

Sahan: Not really, but I like to visit the website and find information to this website.

Bhagya: Alright. Can you log in and log into the system and search for a car through the through that website?

Sahan: OK, hold up.

Bhagya: Can you share your screen?

Sahan: Yeah, sure.

Give me a second.

I just share my screen.

Bhagya: Can you see is it visible?

Sahan: Yeah.

Bhagya: Alright.

And can you search a car to this that.

Sahan: Yeah, like I will go with like Suzuki, right.

Bhagya: OK, scroll down and see.

OK, what's your idea about that interface and content?

Sahan: The first impression that comes to my mind is there are so many advertisements like those are unrelated to this website and there is same advertisement has been repeated several times.

That's kind of annoying, right?

You know what I mean?

And like about the content, the advertisements images actually not clear it's not like eye-catching images and the and the font size is also will be tiny.

It should be like large in size.

Then it would be easy to customers to just find information through these advertisements.

Bhagya: Yeah, can you search for the page “wanted” and please add an advertisement on the same page.

Sahan: OK.

Bhagya: Did you get any notification?

Sahan: I didn't get any notifications, so I can't identify that my submitted forum has been submitted or not.

So how can I know about that?

Bhagya: OK Sahan I noted that issues and thanks your company.

Sahan: Now let's move to next question,
can I stop sharing?

Bhagya: OK, fine.

Next question is what do you think of the entire layout?

Sahan: Overall this website is not user friendly and kind of hard to use because it's way too many contents as well as the advertisements and unnecessary details and unnecessary, unnecessary and non-relatable advertisement to this website. And sometimes there are important details has been missing, I think.

Bhagya: Yeah, are you completely satisfied with the website?

Sahan: No, not completely, but it's like 50%. Yeah.

Bhagya: Last question is, do you have any recommendation about how to enhance the website?

Sahan: Mainly the website content should be like easy to understand right?

And use of UI should be user friendly and easy to collaborate.

Then the customer can find any wanted items from that through this website and which matches to their requirements easily.

I think it will be better if you can rearrange this website by fixing those errors, I guess.

Bhagya: OK, this is the end of the dictionaries.

Thank you for joining with us.

Sahan: OK. Thank you.

Transcript of the interview with the User- 02

Jayani : Hi Sayumi, thank you for joining with us.

We want to know feedback on your user experience.

First of all, I will ask from you a question.

Is it OK for you?

Sayumi : Yeah, it's OK.

Jayani : Did you use this website previously?

Sayumi : No, this is my first time visiting the website.

Jayani: Can you describe the main purpose for which using the website

Sayumi :Ah .. I wanted to browse available vehicles and get an idea of what's currently listed in the market and specifically looking for second hand SUV options for my family.

Jayani : OK, how easy was it navigate and find the information you were looking for?

Sayumi : Navigating was a bit confusing. It is not least OK

Jayani :Were you able to view the vehicle and listing and the details without any issues?

Sayumi :No, I face some difficulties while trying to access detailed information about the vehicles.

Some listings didn't load properly.

Jayani :OK, Did you find the website layout and design appealing and the user friendly?

Sayumi: The layout seemed cluttered and the design filter without data it wasn't very appealing issue.

Jayani : OK, were there any specific feature or tools on the website that capture attention

Sayumi: unfortunately I didn't notice any standout features that would make my experience as an unregistered user or more engaged.

Jayani :OK, did you encounter any difficulties while interacting with the website as an unregistered user?

Sayumi: the information provided for some listings was quite limited.

It left me unsure about the condition of the vehicles.

Jayani : OK, that's all of your question.

Can we move to the task part?

OK Can you visit the website?

Sayumi: OK Wait, can you see my screen?

Jayani : Yeah, OK.
Can you select any vehicle as you wish?

Sayumi: Ok, OK, I did it.

Jayani : OK, Can you go to the vehicle details page, select vehicle

Sayumi: you mean this contribute?

Jayani : No, it's under

Sayumi: this one.

Jayani : No, First you select the vehicle then ,now select the any vehicle , OK can you find the contact details? ,

OK can uh, thank you uh can you go to the contribute page?

OK ,

Uh, OK, Sayumi, that's all of your task.

Thank you for joining with us.

Transcript of the interview with the User- 03

Imal : Hi Inosh

Inosh : hello.

Imal : First of all I would like to thank you for joining with us and we want to have some feedback on your user experience.

First of all I will ask some question from you.

First, can I know did you previously use this website or visit to the website?

Inosh : No, I haven't used this website previously.

It's my first time exploring it.

Imal : OK then can you tell us about the main papers that you use the website?

Inosh : I will see to the website with intention to selling my vehicle.

Imal : Then how is it?

Is it easy to find an information or what?

Inosh : Generally it's relatively easy to find information I'm looking for on this website.

Imal : Oh, nice.

Have you ever sell a vehicle or vehicle parts from this website?

Inosh : Actually, no.
I haven't sold any vehicle.
So vehicle passed before.

Imal : OK, then can you share your screen and show how you going to sell some vehicle low vehicle parts?

Inosh : OK, sure.

Imal : OK.

Inosh : Can you see my screen?

Imal : Yeah, OK.

Inosh : What should I?

Imal : So you first can you show me how you are going to sell a vehicle or vehicle parts?
Now first you can click that orange color button.

Inosh : OK, Is it OK?

Imal : Yeah, sure, Thank you. ,
You know then are you having any problems, Difficulties when entering details to the website when
you go going to sell a vehicle or buy a vehicle?

Inosh : No, I haven't encountered any problems when entering details to sell the vehicles, Riyasewana

Imal : Then how about your satisfaction about this website? Riyasewana , Are you completely satisfied or
not?

Inosh : Actually, I am partially satisfied with the website.
There might be room for improvement in certain areas.

Imal : Yeah, sure , Could you provide some suggestions for us to do this website?

Inosh : Sure, Certainly there's a potential for improvement , Enhancing the search filters and optimize the
mobile experience could enhance usability.

Imal : OK, then, Thank you very much for joining with us.

Inosh : Thank you.

2 .Usability problems

Buyer

- Issue in Add wanted advertisement page.
- A large number of unrelated advertisements
- Experiencing ambiguous vehicle image and explanations on that website platform.
- Messy page and not well organized.
- Unstructured content

Unregistered User

- Vehicle details that are unclear on the vehicle description page.
- Uniform buttons, small fonts in vehicle category.
- Users struggle to grasp purpose of contribute page
- Results appear below white space, causing confusion.
- Unorganized vehicle details make users scroll continuously.

Sellers

- Security and Trust Concerns
- Inconsistent Design
- Excessive Form Fields
- Lack of Preview
- Confusing Terminology

3. Variants of the interfaces

IT number	Interface	Version 1	Version 2	Selected Version
It21228094	My Account Page	Version 1	Version 2	Version 1
	Edit Profile & Change Password Page	Version 1	Version 2	Version 1
	Search Wanted Page	Version 1	Version 2	Version 1
IT21225574	Home page	Version 1	Version 2	Version 1
	Sell vehicles page	Version 1	Version 2	Version 1
	My Favorite Page	Version 1	Version 2	Version 1
IT21231100	Buy Spare Parts Page	Version 1	Version 2	Version 1
	Registration Page	Version 1	Version 2	Version 1
	Login Page	Version 1	Version 2	Version 1
IT21215292	Ad view Page	Version 1	Version 2	Version 1
	Edit ad /Delete ad Page	Version 1	Version 2	Version 1
	Vehicle Leasing page	Version 1	Version 2	Version 1
IT21225024	Contribute Page	Version 1	Version 2	Version 1
	Contact US Page	Version 1	Version 2	Version 1
	Buy Vehicles Page	Version 1	Version 2	Version 1

4. Justification of the variants

IT21228094- Mendis A.R.P.

Interface Name –My Account Page

In both versions 1 & 2 I include the same header, footer and navigation bar.

Version 1	Version 2
Pros <ul style="list-style-type: none"> • Very simple UI design • Easy to read form more than original UI • Perfect content alignment • Easy to read for users • Neatly aligned. 	Pros <ul style="list-style-type: none"> • User attractive design • Header design is very attractive • Footer design more attractive than original footer
Cons	Cons <ul style="list-style-type: none"> • Segment is smaller • not set alignment • disorganized
JUSTIFICATIONS: <ul style="list-style-type: none"> ❖ Considering both versions which I create to My Account Page Version 1 is the best for this Interface. ❖ It is well organized and the space contribution is well used and the information is easy to find ❖ Easy to identify and understand for user. ❖ There for I selected version 1 as the best interface of My Account Page. 	

Interface Name – Edit Profile & Change Password Page

In both versions 1 & 2 I include the same header, footer and navigation bar.

Version 1	Version 2
Pros <ul style="list-style-type: none"> • More user friendly. • The structure is very clear to the user. • More User attractive. 	Pros <ul style="list-style-type: none"> • Simple Design • The structure is very clear to the user.
Cons <ul style="list-style-type: none"> • The page is quite long, user must scroll more 	Cons <ul style="list-style-type: none"> • Segment is smaller • not set alignment • disorganized
JUSTIFICATIONS: <ul style="list-style-type: none"> ❖ Considering both versions which I create to Edit Profile & Change Password Page Version 1 is the best for this Interface. ❖ Clear as users grasp the concept quickly and use the space properly ❖ Easy to identify and understand for user. ❖ There for I selected version 1 as the best interface of to Edit Profile & Change Password Page 	

Interface Name – Search Wanted Page

In both versions 1 & 2 I include the same header, footer and navigation bar.

Version 1	Version 2
Pros <ul style="list-style-type: none"> • More user friendly. • The structure is very clear to the user. • More User attractive. • Perfect content alignment 	Pros <ul style="list-style-type: none"> • Simple Design • The structure is very clear to the user.
Cons <ul style="list-style-type: none"> • The page is quite long, user must scroll more 	Cons <ul style="list-style-type: none"> • It was difficult to get efficient information • Disorganized • The page is quite long, user must scroll more
JUSTIFICATIONS: <ul style="list-style-type: none"> ❖ Considering both versions which I create to Search wanted page Version 1 is the best for this Interface. ❖ using filters, the required vehicle information can be obtained efficiently. ❖ Easy to identify and understand for user. ❖ There for I selected version 1 as the best interface of to Edit Profile & Change Password Page 	

IT21231100- SandaruwanW.M.I.M.

Interface Name –Buy Spare Parts Page

In both versions 1 & 2 I include the same header, footer and navigation bar.

Version 1	Version 2
Pros <ul style="list-style-type: none"> • User Can filter the information as required. • User doesn't need to type data. User can use the drop down and select. • User friendly. • Eye catchy design 	Pros <ul style="list-style-type: none"> • User can view all types of accessories. • User can view all items in each type by a one click.
Cons <ul style="list-style-type: none"> • User must scroll the drop down to view all types of accessories. 	Cons <ul style="list-style-type: none"> • User can not filter the brand priers and the condition to get required information. • Due to the relatively unfiltered data, it is quite difficult to find the necessary information.
JUSTIFICATIONS: <ul style="list-style-type: none"> ❖ When considering both of version the both versions are efficient. ❖ But version 1 is more efficient than version 2 because version has a better way to filter can get only the necessary information. 	

Interface Name –Registration page

In both versions 1 & 2 I include the same header, footer and navigation bar.

Version 1	Version 2
Pros <ul style="list-style-type: none"> • Very few details are asked from the user to register. • A simple form with adjusted to a page • Ability to register using google and facebook accounts. • User asked to select the district before to select the city. 	Pros <ul style="list-style-type: none"> • Easy to fill because the form is in down-to-down format. • Simple UI design
Cons <ul style="list-style-type: none"> • Little bit complex because of two sides of the form 	Cons <ul style="list-style-type: none"> • Lengthy page with a lengthy form • Difficult to select a city because of many numbers of cities
JUSTIFICATIONS: <ul style="list-style-type: none"> ❖ When considering both of version 1 is ask only a very few details from the user. Version 2 ask much data which are not necessary to the site. ❖ Version 2 is more user friendly 	

Interface Name –Login page

In both versions 1 & 2 I include the same header, footer and navigation bar.

Version 1	Version 2
Pros <ul style="list-style-type: none"> • User can clearly display the form. • User can login using the google account and the facebook account. • Eye catchy design. • No advertisements. 	Pros <ul style="list-style-type: none"> • Very simple UI design. • A very small amount of space has been used.
Cons <ul style="list-style-type: none"> • Used a large space for a simple form 	Cons <ul style="list-style-type: none"> • The form is too small • Because of the advertisements the form not perfectly highlighted as the login page
JUSTIFICATIONS: <ul style="list-style-type: none"> ❖ When considering both of version are simple UI designs. ❖ But version one is more user friendly to the user to login to the site quickly 	

IT21215292- Madhusanka J.A.A.

Interface Name – Add Wanted Ad Page

In both versions 1 & 2 I include the same header, footer and navigation bar.

Version 1	Version 2
Pros <ul style="list-style-type: none"> • Very straightforward UI design • Visually appealing form layout • Enlarged the fonts and placeholders for improved user-friendliness • Well-organized alignment of text fields 	Pros <ul style="list-style-type: none"> • Eye-catching header design • User-friendly design with visual appeal
Cons <ul style="list-style-type: none"> • The page has considerable length, requiring users to scroll extensively. 	Cons <ul style="list-style-type: none"> • The form is split into two sections, resulting in slightly smaller fonts. • Excessive spacing between text fields.
JUSTIFICATIONS: <ul style="list-style-type: none"> ❖ When comparing both versions, they both feature an attention-grabbing UI. ❖ However, Version 1 surpasses Version 2 because it offers a single, straightforward form design that is exceptionally easy to read and comprehend. 	

Interface Name –Edit ad /Delete ad Page

In both versions 1 & 2 I include the same header, footer and navigation bar.

Version 1	Version 2
Pros <ul style="list-style-type: none"> • Aesthetically pleasing form arrangement • Amplified font size and placeholders • Highly intuitive UI design 	Pros <ul style="list-style-type: none"> • Header design is very attractive
Cons <ul style="list-style-type: none"> • necessitating extensive scrolling by users. 	Cons <ul style="list-style-type: none"> • alignment are not corrects
JUSTIFICATIONS: <ul style="list-style-type: none"> ❖ When considering both of version is eye catching UI. ❖ I selected version 1 because of its user-friendliness. It is created reducing white spaces and increasing font sizes. It gives clear idea about the page. 	

Interface Name – Vehicle Leasing page

In both versions 1 & 2 I include the same header, footer and navigation bar.

Version 1	Version 2
Pros <ul style="list-style-type: none"> • Very simple UI design • Proper Structured alignment between text fields 	Pros <ul style="list-style-type: none"> • User attractive design
Cons <ul style="list-style-type: none"> • The page is quite long 	Cons <ul style="list-style-type: none"> • The form is divided into two sections, so fonts are little bit small. • Too much space between text fields
JUSTIFICATIONS: <ul style="list-style-type: none"> ❖ When considering both of version is eye catching UI. ❖ From these two versions I would like to select version 1 because page is less complex and attractive also user can use easily. 	

IT21225024- Bhagya P.S

Interface Name – Contribute page

In both versions 1 & 2 I include the same header, footer and navigation bar.

Version 1	Version 2
Pros <ul style="list-style-type: none"> • A lot of white space was filled up with modern features. • You don't need to scroll down to acquire all the information. • By allowing both Sinhala and English users. • Since it describes the contribute service comprehensively. 	Pros <ul style="list-style-type: none"> • of version 2 is said to be straightforward. Users that appreciate basic and simple-to-use designs may benefit from simplicity. • simple-to-use designs may benefit from simplicity.
Cons <ul style="list-style-type: none"> • Modern designs can include more complicated features and functionalities, which may be confusing to less tech-savvy consumers. 	Cons <ul style="list-style-type: none"> • user confusion about the platform's capabilities if the contribute service is not sufficiently explained.
JUSTIFICATIONS: <ul style="list-style-type: none"> ❖ When considering both of version is eye catching UI. ❖ Version 1 does a great job of explaining the service in detail, but Version 2 emphasizes simplicity. Here, your decision will rely on whether you value simplicity over clarity. ❖ In comparison to version 1, version 2 is thought to have a weaker user interface (UI). Users that value contemporary design aesthetics may find the platform to be less appealing or appear out-of-date as a result. 	

Interface Name – Contact us page

In both versions 1 & 2 I include the same header, footer and navigation bar.

Version 1	Version 2
Pros <ul style="list-style-type: none"> The FAQ feature in Version 1 gives consumers quick access to answers to frequently asked questions. This can enhance user self-service and lessen the necessity for direct communication with admin or page owners. Version 1 is regarded as being user-friendly, probably as a result of the FAQ features and contact form implementation. 	Pros <ul style="list-style-type: none"> Users may feel less intimidated by a straightforward design, and it may be simpler for them to identify and access the Contact Us page. While having too much white space might be a flaw, using the right amount can make information more readable and compact.
Cons <ul style="list-style-type: none"> may be a little too complicated. 	Cons <ul style="list-style-type: none"> Users may need to contact page owners or admin more regularly for information as Version 2 does not have a FAQ feature. The workload for website administrators may grow as a result.
JUSTIFICATIONS: <ul style="list-style-type: none"> ❖ When considering both of version is eye catching UI. ❖ While version 1 has superior visual appeal, version 2 places more emphasis on simplicity. The decision will rely on whether you want to deliver a more streamlined, basic experience or a contemporary, visually appealing image. ❖ Version 1 UI design may convey a more professional image, which can be crucial for establishing trust with users. 	

Interface Name – Buy vehicle page

In both versions 1 & 2 I include the same header, footer and navigation bar.

Version 1	Version 2
Pros <ul style="list-style-type: none"> User attractive design The search area is clearly defined in this version, and extra white space has been removed. Moreover, set aside a section for posting adverts. Include a section just for advertisements. Version 1 has some features such as "saved" and "last seen" functionality, which can be useful for users. 	Pros <ul style="list-style-type: none"> This version Clears excessive white space and clearly defines a space to do the filter part. Can post more ads.

Cons

- The page is quite long, user must scroll more

Cons

- Version 2 lacks features such as "saved" and "last seen" functionality, which can't be useful for users.
- Version 2 also doesn't include an option to search, which may make it harder for users to conduct rapid and precise searches.

JUSTIFICATIONS:

- ❖ With its some filtering feature, Version 1 shines in terms of efficiency and may assist users in finding last seen vehicle and saved vehicles quickly. Version 1's emphasis is on a user-friendly interface, which might be more aesthetically pleasing.
- ❖ Version 2 lacks both a search bar and user tracking features.
- ❖ Through its "Post Ad" area, Version 1 promotes user-generated content, but Version 2 places more of an emphasis on efficiency by allowing more ad posts.

IT21225574- JayasingheJ.A.J.M.

Interface Name – Home page

In both versions 1 & 2 I include the same header, footer and navigation bar.

Version 1	Version 2
Pros <ul style="list-style-type: none"> • The user-friendly layout of Version 1 ensures simple navigation and a simple user experience. • The design places a high priority on clarity, enabling users to find the data they require without difficulty. • Users are more satisfied with Version 1 because it provides a more user-centric and enjoyable browsing experience. 	Pros <ul style="list-style-type: none"> • Version 2 has a more straightforward interface, which may lessen visual clutter and streamline user interaction.
Cons <ul style="list-style-type: none"> • A feature-rich design may occasionally lead to slower page loading times, impacting the performance of the entire website. 	Cons <ul style="list-style-type: none"> • Features are lacking in Version 2, which could reduce user involvement. Version 1 has some user-friendly features that Version 2 does not have. • A website's capacity to generate revenue may suffer if there are fewer adverts on the page.

JUSTIFICATIONS:

- ❖ Version 1 include a user-friendly layout, clear visibility, and a good user experience. It provides a more user-focused and effective browsing experience.
- ❖ Version 2 simplicity and increased advertisement production, in comparison, may have limited appeal and lack specific user-friendly features, ultimately resulting in a less user-centric and interesting experience.

Interface Name – Sell vehicle page

In both versions 1 & 2 I include the same header, footer and navigation bar.

Version 1	Version 2
Pros <ul style="list-style-type: none"> Version 1 has a user-friendly layout that makes it simple to use and provides sellers with an intuitive experience. The design places a high priority on transparency, enabling customers to input their car information quickly and simply. The vehicle listing procedure in Version 1 is more user-centric and effective, which raises user happiness. 	Pros <ul style="list-style-type: none"> Version 2 could reduce visual clutter and make the process of listing vehicles easier. Can post advertisement
Cons <ul style="list-style-type: none"> A feature-rich design may occasionally lead to slower page loading times, impacting the performance of the entire website. 	Cons <ul style="list-style-type: none"> ser happiness and usability may suffer if the design isn't as user-centric as Version 1. A website's capacity to generate revenue may suffer if there are fewer adverts on the page.

JUSTIFICATIONS:

- ❖ The majority of customers choose Version 1 because to its benefits, which include a user-friendly layout, clear visibility, and a positive user experience during vehicle listing. It provides a user-focused, more effective automobile listing experience.

Interface Name – My Favorite Page

In both versions 1 & 2 I include the same header, footer and navigation bar.

Version 1	Version 2
Pros <ul style="list-style-type: none"> The design places a high priority on clear visibility, enabling customers to browse and organize their favorites' vehicle listings with ease. Version 1 provides users maintaining their favourite listings with a more user-centric and enjoyable experience, which raises user happiness. 	Pros <ul style="list-style-type: none"> Version 2 has a more straightforward interface, which may lessen visual clutter and make managing favorite listings easier. Version 2 might provide users with a more streamlined and unobtrusive experience with fewer advertising.
Cons <ul style="list-style-type: none"> Adding too many features or components could result in an interface that is more complicated if it is not carefully . The design places a high priority on clear visibility, enabling customers to browse and organize their favorites' vehicle listings with ease. Version 1 provides users maintaining their favourite listings with a more user-centric and enjoyable experience, which raises user happiness. 	Cons <ul style="list-style-type: none"> Lack of Features: Version 2 is missing several of the version 1's user-friendly features, which can make it harder for users to manage their favourite listings. User happiness and usability may suffer if the design isn't as user-centric as Version 1. A website's capacity to generate revenue may suffer if there are fewer adverts on the page.
JUSTIFICATIONS: <ul style="list-style-type: none"> ❖ Version 1's advantages, including a user-friendly layout, clear visibility, and a positive user experience when managing favorite listings, make it the preferred choice for most users. 	

How the best design was selected

IT21228094 MENDIS A.R.P.

Interface Name – My profile

- ❖ Version 1 has a user-friendly interface that makes it simple for users to interact with and explore their profile data.
- ❖ The design makes it simple for users to access and comprehend their profile facts by providing clear and easily legible content.
- ❖ Version 1 makes effective use of available space, reducing the use of excessive white space, and providing information in a clear and simple manner.
- ❖ Users can easily access and manage their profiles, which enhances the overall user experience.
- ❖ Version 1 user-centric design makes sure that all users may easily access profile information.
- ❖ Version 1 retains an uncomplicated and tidy design, minimizing potential user distractions and complexity.

Interface Name – Search wanted page

- ❖ Version 1 has a user-friendly layout that makes it simple for visitors to search for desired vehicles and navigate the site.
- ❖ By ensuring that people can access and see the information they need clearly, the design improves user experience.
- ❖ Users may easily and quickly find the desired cars they're looking for, which improves the browsing experience.
- ❖ Version 1 puts the requirements and preferences of the user first, resulting in a design that meets their expectations.
- ❖ Version 1's user-friendly design makes the Search Wanted page more usable overall and less frustrating for users.
- ❖ Version 1 contains a filter function, unlike Version 2, which enables customers to focus their search for desired vehicles and improves the effectiveness of the search.

Interface Name – Edit my profile and change password page

- ❖ Version 1 has an intuitive interface that makes it simple for users to edit their profiles and change their passwords.
- ❖ The design improves user experience by ensuring obvious visibility and simple access to profile editing and password change options.
- ❖ Version 1 makes effective use of available space by minimizing unnecessary white space and presenting data in a clear, orderly manner.
- ❖ Version 1's user-centric design gives users' wants and preferences the highest priority, resulting in a layout that meets their expectations.
- ❖ Version 1 retains an uncomplicated and tidy design, minimizing potential user distractions and complexity.
- ❖ Version 1's user-friendly design raises the Edit My Profile and Change Password web page's general usability and cuts down on errors.

IT21231100- SandaruwanW.M.I.M.

Interface Name – Buy Spare Parts Page

- ❖ In version 1 there are some drop down boxes to select the brand, accessory type, condition, and the price limit.
- ❖ By selecting those things and by searching the user can view the necessary filtered information quickly.
- ❖ In version 2 there is only drop-down box to select the accessory type. So there the user cannot get only the necessary information. User wants to find the necessary information by viewing all the information that view by the site.
- ❖ Therefore, the version 1 is more efficient to the user to find his/her required information.

Interface Name – Registration Page

- ❖ In version 2 the system asked many personal details from the user to register to the page.
- ❖ Those asked details are not important to the site.
- ❖ In version 1 I have removed those unnecessary parts and I have included the main necessary details which are important to the site.
- ❖ I have divided the form in to two sides here. Because it is easy to the user to fill it without scrolling down.
- ❖ In version 1 the site asks to select the city by a drop down. It is difficult to find the city here. Because there are many cities in the country.
- ❖ For this I have used a drop-down bar to select a district and according to the district there are cities in the next drop down in version 1. Then it is easy to user to fill.
- ❖ Therefore, the version 1 is simpler and more efficient.

Interface Name – Login Page

- ❖ In the original site a small form is given to the user to login.
- ❖ It is aligned to left conner. But in user friendly manner it is better to place it in the center.
- ❖ I designed the login page intend the login form to the center.
- ❖ In the 1st version I have given the ability to user to login using the google account and the Facebook account.
- ❖ So, the version 1 which is designed by me is the best version for the login page of this site.

Interface Name- Add Wanted Ad

- ❖ The page is dedicated to creating new advertisements for vehicles and spare parts, accessible via the "Add Wanted Ad" button.
- ❖ 2. User recognition of this page is straightforward and intuitive.
- ❖ 3. The page layout features a well-organized design with a left frame housing the advertisement content form and a right frame displaying the user's profile and additional buttons.
- ❖ 4. Enhancements include an increased font size to cater to user preferences and a more structured layout.
- ❖ To optimize space usage, the main page frame has been divided into two sections, reducing excessive white space, and enhancing overall page efficiency.

Interface Name- Edit ad & Delete page

- ❖ The page serves as the edit & delete advertisement platform, featuring navigation buttons at the top for selling vehicles, motorbikes, parts, bicycles, and adding wanted ads.
- ❖ 2. The middle section is dedicated to ad editing, ensuring a focused user experience.
- ❖ 3. The bottom of the page provides access to review videos and profile-related functions.
- ❖ 4. To address small icon issues, edit and delete options have been implemented, enhancing usability.
- ❖ Page height has been reduced to minimize excessive white spaces, while font sizes have been increased for an appealing and user-friendly design.

Interface Name- Vehicle Leasing page

- ❖ The page is dedicated to Vehicle Leasing, allowing the addition of advertisements for leasing companies.
- ❖ 2. Maintain a consistent design theme, including fonts, colors, and layout, throughout the entire page to create a visually appealing and cohesive user experience.
- ❖ 3. Consistency in design enhances the overall user interface, making it complete and attractive.
- ❖ 4. Ensure that customers can easily identify the purpose and content of the page, contributing to a user-friendly and intuitive interface.
- ❖ Strive for an overall interface that is not only aesthetically pleasing but also functional, providing a seamless experience for users browsing and interacting with leasing advertisements.

Interface Name – Contribute page

- ❖ Version 1 was chosen because it provides a contemporary and aesthetically pleasing UI design, which can leave consumers with a favorable impression and a feeling of professionalism.
- ❖ Version 1's capacity to accommodate both English and Sinhala speakers fosters inclusivity and increases the user pool.
- ❖ A thorough description of the contribute service is included in Version 1, which aids users in better comprehending its goals and features.
- ❖ Version 1's user-friendly interface and contemporary design make it visually appealing, which could increase user retention and engagement.
- ❖ Version 1 probably struck a better balance, ensuring content is not overpowering while yet giving adequate information and interaction, even if version 2 had more white space.
- ❖ By taking into account the preferences and demands of the intended audience, version 1 was probably chosen in a user-centric manner.
- ❖ Users can get a sense of professionalism, reliability, and credibility from version 1's current UI design.

Interface Name – Contact Us page

- ❖ Version 1 provides a visually appealing and modern UI design, which can give users a good first impression and communicate professionalism.
- ❖ Version 1 has a FAQ facility that gives users rapid access to frequently asked questions and responses, improving user self-service and lowering the need for direct communication with page owners or admins.
- ❖ Version 1 is thought to be user-friendly, possibly as a result of the FAQ feature's implementation. The whole user experience is improved by a user-friendly design.
- ❖ Version 1 gives consumers access to more information about the website, which is useful for those looking for clarification or further information.

Interface Name – Buy vehicle page

- ❖ Version 1 has a filtering mechanism that improves the user experience by enabling purchasers to focus their vehicle searches based on particular factors (such as price, type, and location).
- ❖ Version 1 allows users to follow and revisit vehicles of interest and includes "saved" and "last seen" options to increase user engagement and convenience.
- ❖ It has a search bar, which makes it simple for customers to conduct short, focused searches for particular vehicles and improves usability.
- ❖ Version 1 offers a user-friendly image size interface, enhancing vehicle listings' visual appeal and assisting purchasers in making educated judgements.

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Interface Name – Sell vehicle page

- ❖ The selected design prioritizes user-friendliness, making it more intuitive and accessible for users.
- ❖ The design excels in aligning content effectively, ensuring that information is presented cohesively and logically.
- ❖ It enhances readability, ensuring that users can easily read and comprehend the content without straining.
- ❖ The design efficiently reduces empty space, utilizing the available space effectively without overwhelming the user.
- ❖ It enhances user understanding by simplifying the interface, making it easier for users to navigate and accomplish their goals.

Interface Name –Home page

- ❖ The selected design excels in providing a clear and intuitive structure for users. It ensures that visitors can quickly understand how to navigate the website, find information, and complete actions like searching for vehicles or contacting sellers.
- ❖ The design is visually appealing and user-friendly. It incorporates modern and visually pleasing elements, such as high-quality images, readable fonts, and a harmonious color scheme. This attractiveness can help engage and retain users, reducing bounce rates.
- ❖ The placement of content elements, such as vehicle listings, filters, and calls-to-action, is well thought out. Important information is prominently displayed, making it easy for users to access and interact with the site's features. This enhances user satisfaction and encourages interaction.
- ❖ The design effectively reduces empty or wasted space, ensuring that the screen real estate is used efficiently. This is important for providing more information on a single screen without overwhelming users, resulting in a seamless browsing experience.

Interface Name –My Favorite page

- ❖ The selected design is considered the best because it is more user-friendly than the original UI. This means it likely offers improved navigation, clearer instructions, and a more intuitive layout, ultimately providing a smoother and more enjoyable user experience.
- ❖ The design's proper alignment between text fields indicates attention to detail.
- ❖ The fact that the page is well-suited to different screen sizes is crucial for a modern website.
- ❖ The inclusion of an eye-catching form design is a key factor in selecting this design.

Ideation techniques used

- Ideation techniques used
- Brainstorming
- Brain writing
- Sketching
- Prototyping
- Mind mapping
- Paper Interface

Time schedule (Gantt chart)

ID	TASK NAME										
		1	2	3	4	5	6	7	8	9	10
1	Paper Interface										
2	Team discussion of paper interfaces										
3	Design Interface using tools (Mokflow)										
4	Write Pros & Cons for each variants.										
5	Justified the best variants using ideation techniques										
6	Identified usability issues										
7	Creating a final project										
8	Project report submission										

References

1. Expert tips for writing a project description By : Kate Eby on May 25,2021 Received date: August 03,2021

Link:- <https://www.smartsheet.com/content/project-description>

2. 6 Steps to identify Usability Problems By:Jeff Sauro,PhD on September 17,2013 Received date: August 05,2021

Link:- <https://measuringu.com/six-steps-usability-problems/>

3. Contextual Inquiry: Inspire design by Observing and Interviewing Users in their context By: Kim Salazar on December 6,2020 Received date: August 06,2021

Appendix

MockFlow (Used to draw wireframes for HCI assignment 2)

MockFlow is a cloud-based wireframe mockup software solution designed for website and software developers, designers, UX professionals, and marketers. It lets them perform tasks, design user-interface prototypes for websites and mobile apps and collaborate with projects in real-time. MockFlow offers a feature rich UX solution for design teams and individuals, from wireframing and UI spec systems to sitemaps and design workflow. Users can plan and create professional user interfaces using a single robust suite equipped with all the tools they could possibly need.

Our Wireframe Drive Link:-

https://drive.google.com/drive/folders/1ui8gGkrNb1yNIxFsMuDaEizDvK_WpjJ5?usp=drive_link