

# **IT1214 Human Computer Interaction**

## **Assignment 1 Part 2**

**Website Name – [vle.sliitcityuni.lk](http://vle.sliitcityuni.lk)**

**Group number – 2**

**Group member details:**

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# INTRODUCTION

This report represents low-fidelity prototypes for the vle.sliitcityuni.lk website to address the usability issues noted in Assignment 1 Part 1.

The redesign process for vle.sliitcityuni.lk is detailed in this report, with an emphasis on resolving usability concerns that were found.

To improve user experience, each group member helped develop specific interfaces, solve usability issues, and attach to accepted design principles.

To visually represent the suggested ideas, low-fidelity prototypes were made.



# OVERVIEW OF USABILITY ISSUES

- We couldn't be able to find the search bar. Because it's come after too much scrolling of unnecessary notice from other courses.
- There is an unnecessary question mark button which needs to be in the footer part. But there is no footer part.
- Login option we are having in a small size text. As a new user who come into this page with vle.sliitcityuni.lk link will have struggle to find the login.
- The navigation bar is not good.
- The webpage colour is not visually appealing. It's because all the pages are only in white colour.



# DESIGNS CREATED BY GROUP

## MEMBERS

### 1. Home page and search redesign.

**Redesigned by: T. Abishek**

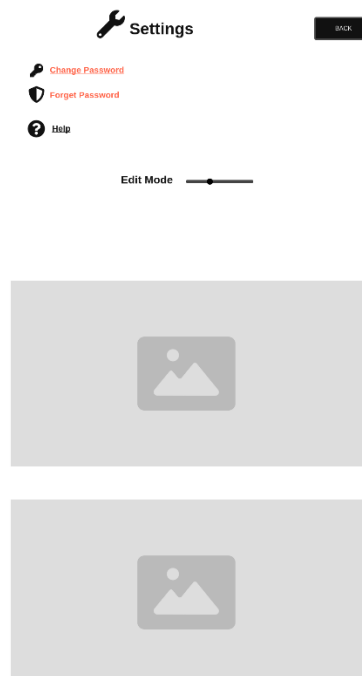
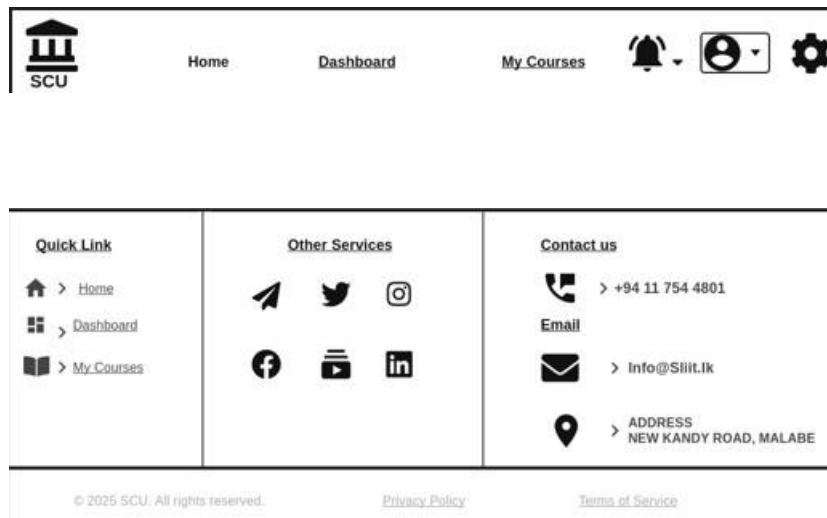
**Overview of Design:** Home page and search redesign.



2.Navigation bar and footer redesign, Settings include.

**Redesigned by: N. Kasthury**





**Overview of Design:** Navigation bar and footer redesign, Settings include.




### 3. Dashboard redesign.

**Redesigned by: K. Sinthuja**

**Overview of Design: Dashboard redesign.**

[Home](#)[Dashboard](#)[My Courses](#)


Hello....! 

Time Line

Next 7 Days

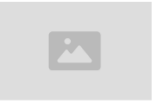
Sort By Dates

Search by activity type or name



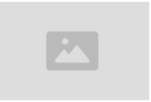
No Activities requires action

Recently Accessed Courses



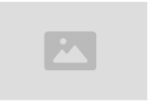
**Human Computer Inter...**  
Year 2 Semester 1-2023 Oct...

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**Data Structure Algorit...**  
Year 2 Semester 1-2023 Oct...

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**Operating System-2023...**  
Year 2 Semester 1-2023 Oct...

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Calendar 

All Courses

<< December January 2025 February >>

Mon	Tue	Wed	Thur	Fri	Sat	Sun
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
 Duruthu...	 Tamil Tha...	 OS lab...				
20	21	22	23	24	25	26

[Full Calendar](#)

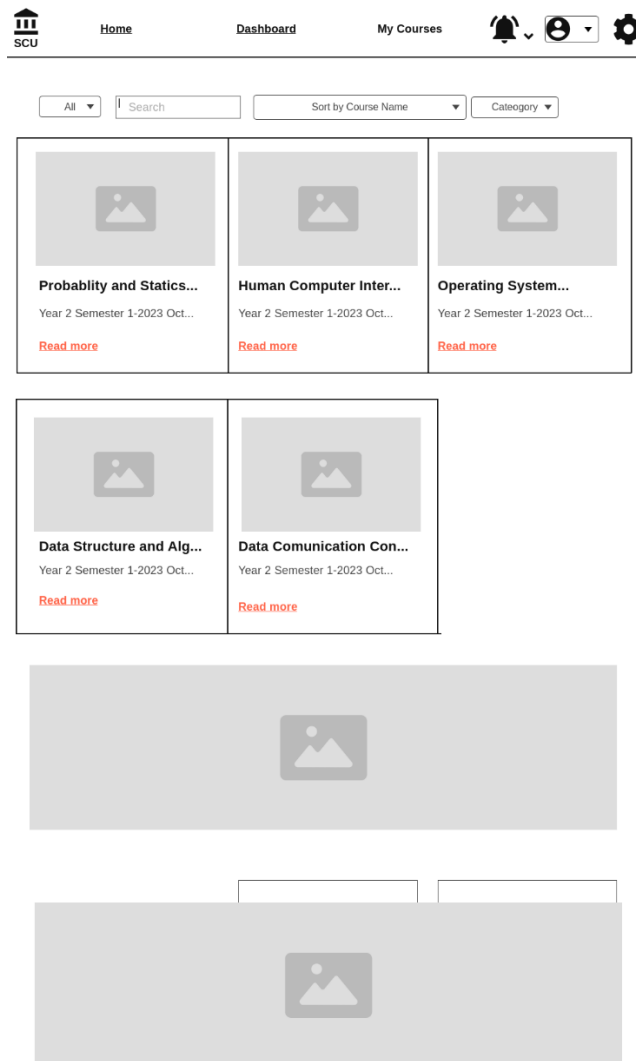
  
**Note**

 **Edit**

## 4. My courses redesign.

Redesigned by: G. Thenugan

### Overview of Design: My courses redesign.





# JUSTIFICATION OF THE USABILITY

## ISSUE RESOLVED

### 1. Home page and search redesigns.

#### **Issue Resolved:**

- 1.Login picture added.
- 2.Included findable search bar.
3. Include settings.
- 4.Include attractive pictures.
- 5.Remove the Question mark.
- 6.Remove the unwanted arrow.
7. Add the notification.

#### **Justification:**

1. Login picture added: Before login link provided by in text form. We change into additional button to find the login easily for new user.
2. Included search bar: We change the search bar from bottom to top for easy accessing and reduce too much scrolling to find the searching bar.
3. Include attractive pictures: To attract the user enjoy the Moodle more.
4. Add the notification: To find the daily activity due time and get the announcement and information through this notification.

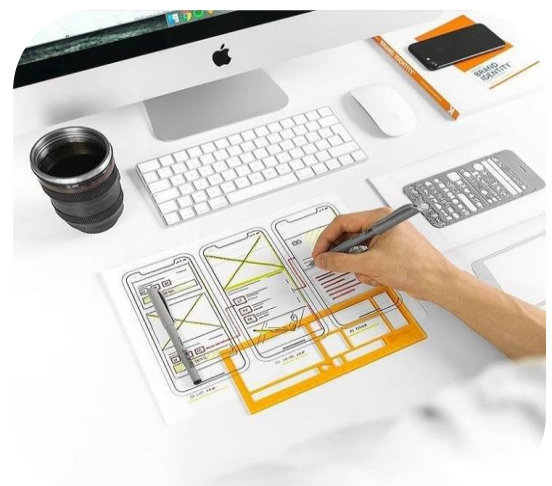
## 2.Navigation bar and footer redesign and setting include.

### **Issue Resolved:**

1. Add footer.
2. Add the login button in the navigation bar.
3. Forgot password, change password and help are included in the settings.
4. We newly added the profile picture setting.

### **Justification:**

1. Add footer: We add the extra social media links externally, contact link, email, quick links for home, dashboard, MyCourses.
2. Settings: In case the user forgot the password this option will help to recover the password and change the password. If the user needs any help the help button is available in here.
3. We newly added the profile picture setting: In here we added changing the profile picture and change the name of the user whatever he or she wants.



### 3. Dashboard redesign.

#### **Issue Resolved:**

1. Remove the question mark.
2. Change the side arrow mark into an option.
3. Add an edit option.
4. Add the note option.

#### **Justification:**

1. Remove the question mark: It is an unnecessary so we remove it.
2. Change the side arrow mark into an option: When clicking the arrow mark, there's too much scrolling. So, change it to an option instead, making it easier to click and directly go to the respective option.
3. Add an edit option: user will be able to edit the necessary information in the calendar.
4. Add the note option: user will be able to note the Important information in the note.



#### 4. My courses redesigns.

##### **Issue Resolved:**

1. Remove the question mark, unwanted button (show, all).
2. Replace the card button.
3. Add attractive pictures.

##### **Justification:**

1. Remove the question mark, unwanted buttons:

The show and all buttons are not necessary in here.

2. Replace the card button: In the card button there are list, summary and card. These are unwanted here. So, we replace that as lecture slide, tutorial, past papers and results.

3. Add attractive pictures: Add attractive pictures to attract the Moodle more.



# VIDEO DEMONSTRATION LINK

<https://1drv.ms/v/c/e199ce36f9a03565/EcX-yESZwpxEhj701rYlawBJ9uBNaHKfvw-WJcf0KiwMQ?e=9saWyD>





## CONCLUSION

Through this report analyse vle.sliitcityuni.lk we find some usability issues and we just learn about how to solve usability issues and finally we made redesign blueprint in wireframe for a low fidelity prototype.

Several usability problems that affect the Virtual Learning Environment's overall usability and effectiveness were found during the analysis of vle.sliitcityuni.lk. The main causes of these problems were difficult navigation, subpar accessibility guidelines, a confusing layout.

