

# EC 9540: HUMAN COMPUTER INTERACTION

## LAB 1: KNOW THE USER

Group Members:

Piyasamara G.L.D.S (2018/E/093)

Sachintha D.C. (2018/E/104)

## **Project Heading:** Student Progress Viewer for Universities

### **Identified users and study of the target users**

- Students - They need to see their progress at any period of their academic life and this will help them to get a clear understanding of what is their progress and the level of their results. Also, most of the time when they are going to request scholarships, it required a progress report of the student.
- Lecturers - They are the people who give grades to the students according to in-course marks and end-exam marks. Also, they act as student advisors. So sometimes they also need to see a student's progress at any time.
- Administration staff - These are the people who do add, update, and edit (if there are any mistakes) the grades of students.

### **Requirement gathering**

We are going to gather requirements from users by using;

- questionnaires
- surveys
- interviews

### **Questionnaires**

Student questionnaire:

<https://forms.gle/VNRCW3b9AV5zJrsJ8>

## Student Progress Viewer for Universities (Student questionnaire)

This is a questionnaire for an ongoing project of course EC9540: Human-Computer Interaction.

1. Is there any method to get your current progress in academics?

*Mark only one oval.*

☐ Yes

☐ No

2. If yes, what is it?

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3. Is it easy to use the current method?

*Mark only one oval.*

☐ Yes

☐ No

4. If no, what are the difficulties you face?

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5. Do you need any other new method to get in touch with your academic progress?

*Mark only one oval.*

☐ Yes

☐ No

6. If yes, what are you expecting from that system?

*Check all that apply.*

☐ GPA Calculator

☐ Results viewer by semester wise

☐ Filtering results department wise

☐ Other: \_\_\_\_\_

#### User Interface Requirements

7. What are the languages you prefer for the system?

*Check all that apply.*

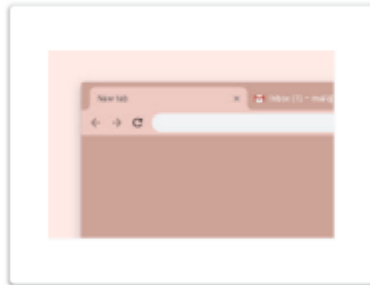
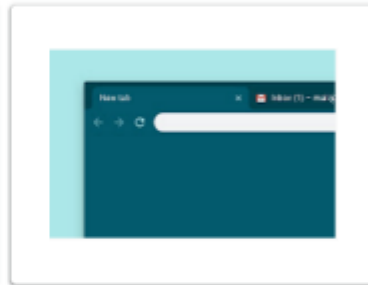
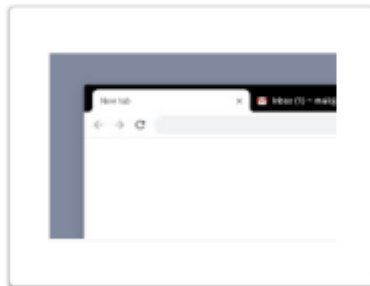
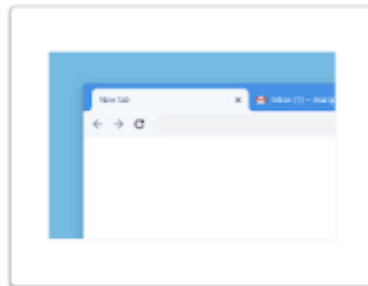
☐ English

☐ Tamil

☐ Sinhala

☐ Other: \_\_\_\_\_

## 8. What are the themes you prefer for the system?

*Mark only one oval.*☐ Just Black☐ Slate☐ Rose☐ Oceanic☐ Black & White☐ Classic Blue

9. What are the colors you prefer for the system user interface? (Please take a look at the below color picker and type the color codes in the below space. Please put a comma (,) to separate colors)

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### Color Picker

	A	B	C	D	E	F	G	H	I	J	K
1	Color										
2	HEX value	#000000	#434343	#666666	#999999	#b7b7b7	#cccccc	#d9d9d9	#efefef	#f3f3f3	#ffffff
3	Color										
4	HEX value	#800000	#ff0000	#ff9900	#ffff00	#00ff00	#00ffff	#4a86e8	#0000ff	#9900ff	#ff00ff
5	Color										
6	HEX value	#e6b8af	#4cccc	#fce5cd	#fff2cc	#d9ead3	#d0e0e3	#c9daf8	#cfe2f3	#d9d2e9	#ead1dc
7	Color										
8	HEX value	#dd7e6b	#ea9999	#f9cb9c	#ffe599	#b6d7a8	#a2c4c9	#a4c2f4	#9fc5e8	#b4a7d6	#d5a6bd
9	Color										
10	HEX value	#cc4125	#e06666	#f6b26b	#ffd966	#93c47d	#76a5af	#6d9eeb	#6fa8dc	#8e7cc3	#c27ba0
11	Color										
12	HEX value	#a61c00	#cc0000	#e69138	#f1c232	#6aa84f	#45818e	#3c78d8	#3d85c6	#674ea7	#a54d79
13	Color										
14	HEX value	#85200c	#990000	#b45f06	#bf9000	#38761d	#134f5c	#1155cc	#0b5394	#351c75	#741b47
15	Color										
16	HEX value	#5b0f00	#660000	#783004	#7f6000	#274e13	#0c343d	#1c4587	#073763	#20124d	#4c1130

10. What are the fonts you prefer for the system user interface?

Mark only one oval.

<div><div>Times New Roman Georgia Garamond</div><div><input type="radio"/> Serif</div></div>	<div><div>Arial Verdana Helvetica</div><div><input type="radio"/> Sans-serif</div></div>
<div><div>Courier New Lucida console Monaco</div><div><input type="radio"/> Monospace</div></div>	<div><div><i>Brush Script MT</i> <i>Lucida Handwriting</i></div><div><input type="radio"/> Cursive</div></div>
<div><div><b>Copperplate</b> Papyrus</div><div><input type="radio"/> Fantasy</div></div>	

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Lecturers questionnaire:

<https://forms.gle/mU6SfcpJiBnjfzfj8>