

20CYS202-UI DESIGN

ASSIGNMENT-3

-DHARMIK S

-CB.EN.U4CYS21067

AUMS USER INTERFACE EVALUATION

In User Interface Design, there are 3 main core activities:

1. User analysis
2. System Prototype
3. Interface Evaluation

In interface evaluation, we experiment the prototypes with the users and get feedback from them and update the changes in our website.

Principles of a user interface according to Schneiderman:

- 1) Strive for consistency
- 2) Enable frequent users to use shortcuts
- 3) Offer informative feedback
- 4) Design dialogue to yield closure
- 5) Offer simple error handling
- 6) Permit easy reversal of actions
- 7) Support internal locus of control
- 8) Reduce short term memory load

First of all we need to know what is AUMS and what is the purpose of it and what it does ?

AUMS

Students, teachers, and staff at Amrita University use the web-based AUMS (Amrita University Management System) programme to access a range of online resources and services pertaining to their academic and administrative needs.

The open source Sakai Project is actually the foundation of the AUMS. The core that is based on it is open sourced, however the patches added to AUMS that give it its appearance and feel are not.

User Interface Evaluation

Now we will begin the interface evaluation.

AUMS-UIE-21067-001

Issue:

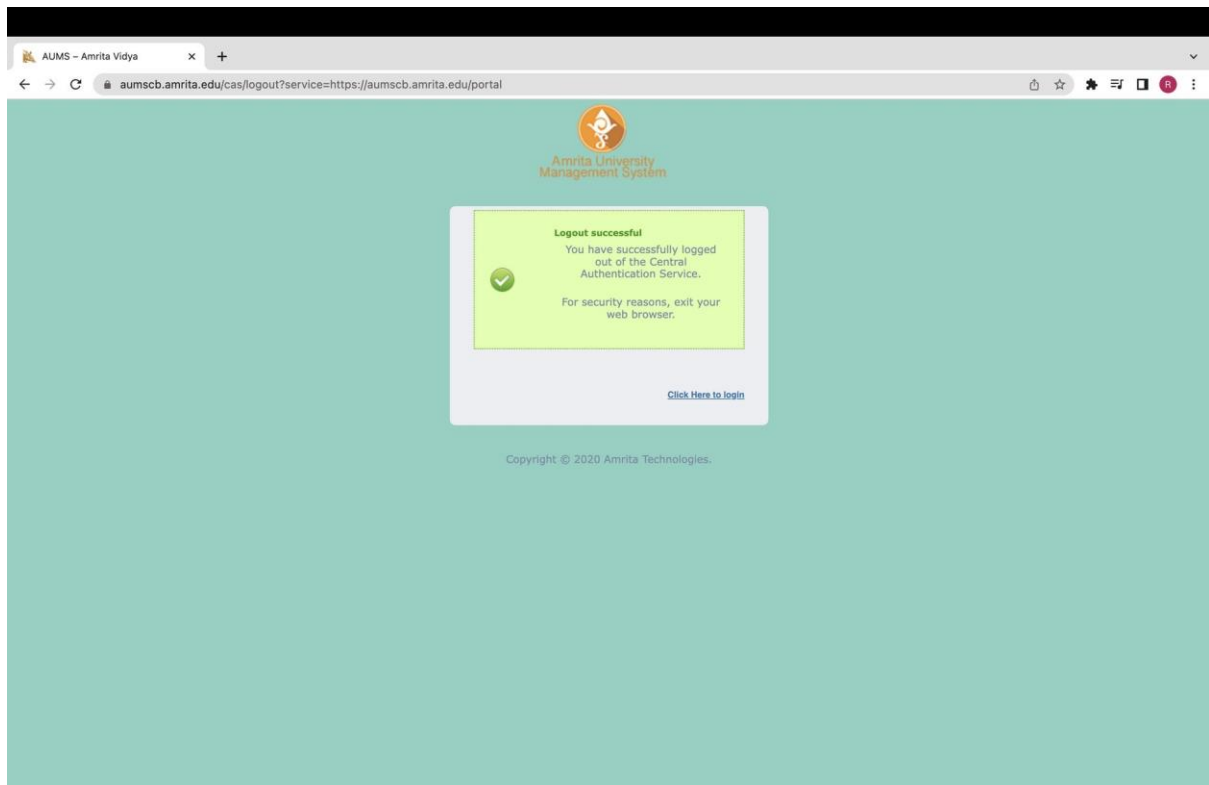
When the user truly means to log in, the logged out notification may occasionally be displayed.

Principle Violated:

-Support internal locus of control

Suggestion:

Be sure to maintain sessions properly and respond to user requests with the appropriate message.



AUMS-UIE-21067-002

Issue:

The user must either search through all tabs or keep track of where each tab is because the tabs for each course do not display the course name. The user will find this to be a fairly taxing undertaking given the variety of topics available.

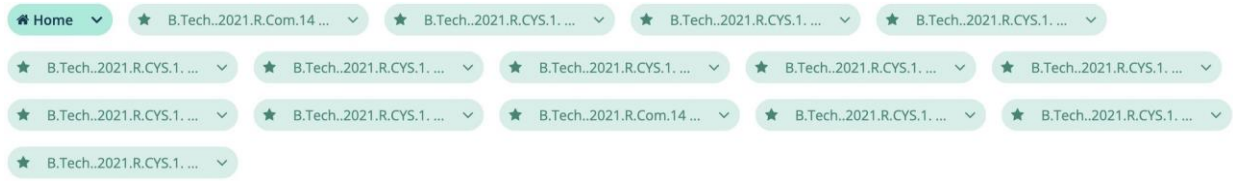
Principles violated:

- Offer informative feedback
- Reduce short term memory load

Suggestion:

The tabs for each subject can display the subject code alone instead, this will help user navigate to the desired subject with more ease and speed. Since the user is already aware of their degree and batch year, Avoiding showing unnecessary

information is preferable.



AUMS-WIE-21067-003

Issue:

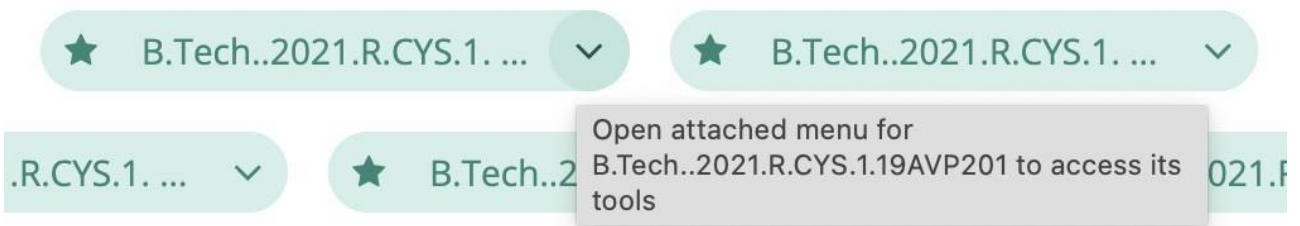
Course name cannot be read with ease, user is forced to hover the cursor over the tab after which with some delay the subject is revealed.

Principle violated:

- Reduce short term memory load

Suggestion:

The tabs for each subject can display the subject code alone instead, this will help user navigate to the desired subject with more ease and speed.



AUMS-UIE-21067-004

Issue:

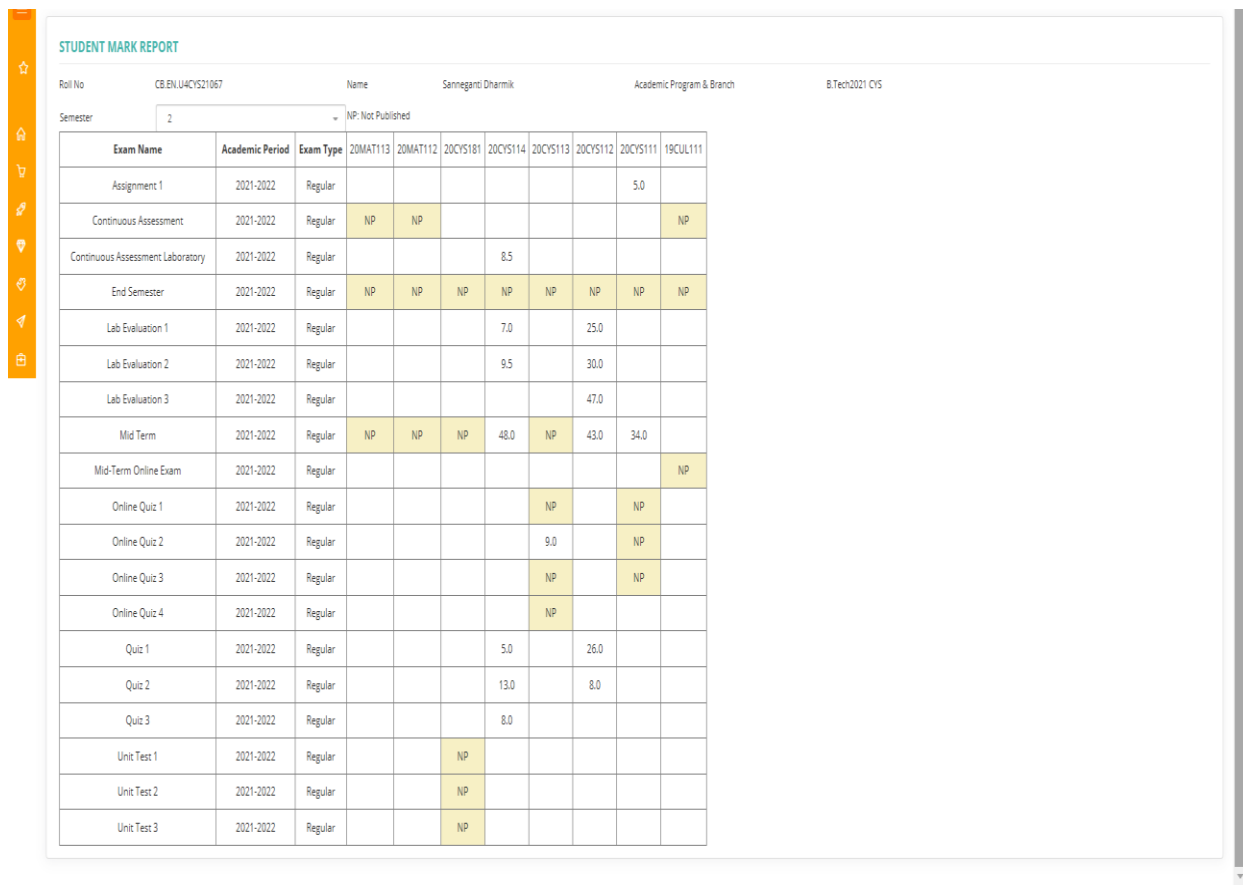
If the number rows in the marks table exceeds a certain threshold it is impossible to scroll beyond and view it.

Principle Violated:

-Strive for consistency

Suggestion:

Alignment of the table has to be adjusted dynamically using css.



STUDENT MARK REPORT										
Roll No	CB.EN.U4CYS21067		Name		Sennegandi Dharmik		Academic Program & Branch		B.Tech2021 CYS	
Semester	2		NP: Not Published							
Exam Name	Academic Period	Exam Type	20MAT113	20MAT112	20CYS181	20CYS114	20CYS113	20CYS112	20CYS111	19CUL111
Assignment 1	2021-2022	Regular							5.0	
Continuous Assessment	2021-2022	Regular	NP	NP						NP
Continuous Assessment Laboratory	2021-2022	Regular				8.5				
End Semester	2021-2022	Regular	NP	NP	NP	NP	NP	NP	NP	NP
Lab Evaluation 1	2021-2022	Regular				7.0		25.0		
Lab Evaluation 2	2021-2022	Regular				9.5		30.0		
Lab Evaluation 3	2021-2022	Regular						47.0		
Mid Term	2021-2022	Regular	NP	NP	NP	48.0	NP	43.0	34.0	
Mid-Term Online Exam	2021-2022	Regular								NP
Online Quiz 1	2021-2022	Regular					NP		NP	
Online Quiz 2	2021-2022	Regular					9.0		NP	
Online Quiz 3	2021-2022	Regular					NP		NP	
Online Quiz 4	2021-2022	Regular					NP			
Quiz 1	2021-2022	Regular				5.0		26.0		
Quiz 2	2021-2022	Regular				13.0		8.0		
Quiz 3	2021-2022	Regular				8.0				
Unit Test 1	2021-2022	Regular			NP					
Unit Test 2	2021-2022	Regular			NP					
Unit Test 3	2021-2022	Regular			NP					

AUMS-UIE-21067-005

Issue:

Text is cut off at several places making it awkward for the user to read.

Principle Violated:

-Strive for consistency

Suggestion:

Alignment of the text has to be adjusted dynamically using css.

MEMBER BOOK ISSUE HISTORY

Library*

Member ID Member Name Member Category Total Fine Paid To Date 0.0 Pending Fine

0.0

Search Transaction Details

Start Date End Date

Checked Out Books

AccNo	Title	Author	Material	IssueDt	DueBckDt	RetndDt	RrwdDat	DysLte	TotFne	BokStats	FnePaid	Renewal
No data available in table												

Total rows: 0

AUMS-UIE-21067-006

Issue:

To update timezone, user has to go through the entire list of timezones to select choice.

Principle Violated:

-Permit easy reversal of actions

Suggestion:

A search option can be provided for the user to quickly pick out the correct timezone.

PREFERENCES

- Notifications
- Time Zone
- Language
- Sites
- Editor

Time Zone

Please select your local time zone for selected Sakai tools, such as Calendar. You are currently in the Asia/Kolkata time zone

America/Rankin Inlet

America/Recife

America/Regina

America/Resolute

America/Rio Branco

America/Rosario

America/Santa Isabel

America/Santarem

America/Santiago

America/Santo Domingo

America/Sao Paulo

America/Scoresbysund

America/Shiprock

America/Sitka

America/St Barthelemy

America/St Johns

America/St Kitts

America/St Lucia

America/St Thomas

America/St Vincent

America/Swift Current

UPDATE PREFERENCES

Cancel Changes

AUMS-UIE-21067-07

Issue:

Form page is so congested and in some pages text got aligned with the other word which makes user to confuse and readability for the user gets reduced.

Principle Violated:

Reduce short term memory load

Strive for consistency

Suggestions:

It is better if you make the form somewhat spacious with proper spaces between the html form elements.

STUDENT DETAILS

First Name	Sanneganti Dharmik	Last Name	
Academic Program	B.Tech2021	Branch	
CYS	Semester	3	

Student

Qualifying Exam

Personal

Address

Contact

Health

Photo

Person Details

First Name *

Sanneganti Dharmik

Last Name

Gender:

Male ☒ Female ☐ Trans ☐

Date Of Birth *

03/12/2003

Admission No

CB.EN.U4CYS21067

Admission Type

Merit

Academic Details

Academic Program *

B.Tech2021

Application No

1006057

Joining Year *

2021

Semester *

3

Remarks

Enrollment Status

Enrolled

Lateral Entry

Branch *

CYS

For Phd Students Only

Part Time/Full Time

Select

Date Of Enrollment *

01/09/2021

Project/ Teaching

Select

☐ Y ☒ N

Internal/External

Select

OCCUPATIONAL HEALTH & EMERGENCY CONTACT DETAILS

First Name	Sanneganti Dharmik	Last Name	
Academic Program	B.Tech2021	Branch	
CYS	Semester	3	

Student

Qualifying Exam

Personal

Address

Contact

Health

Photo

Blood Group *

A+

Height

cm

Weight

kg

Medical Advisor Name

MRD Number

Medical Advisor Contact Phone

Collar Size

Emergency Contact Name

UID No.

Emergency Contact Phone

Disability Type

☐ PWD

Remarks

Health History

Vaccination History

Medical Records

Choose File

No file chosen

View

AUMS-UIE-21067-008

Issue:

Navigation icons that are misplaced and confuse users

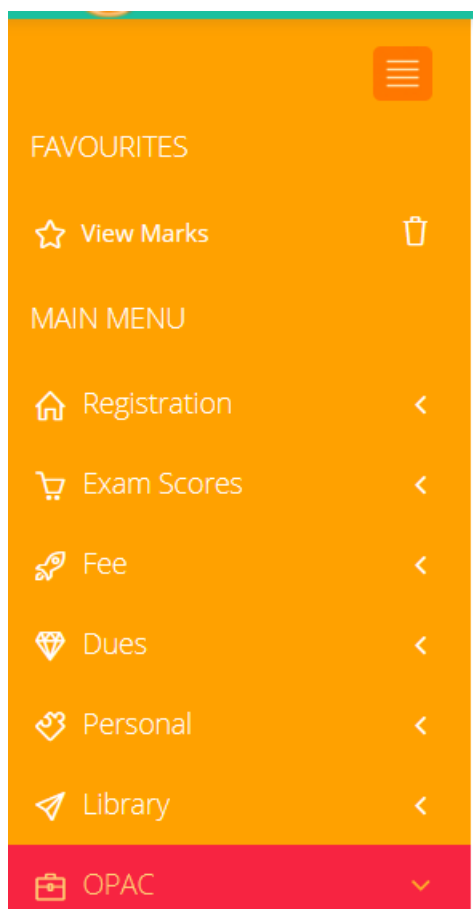
Because icons tend to draw consumers in more than the information provided.

Principles Avoided:

Strive for consistency

Suggestions:

Better to give either information or proper navigation icons related to that specific button.



AUMS-UIE-21067-009

Issue:

There are no FAQ's and footer for the contact information.

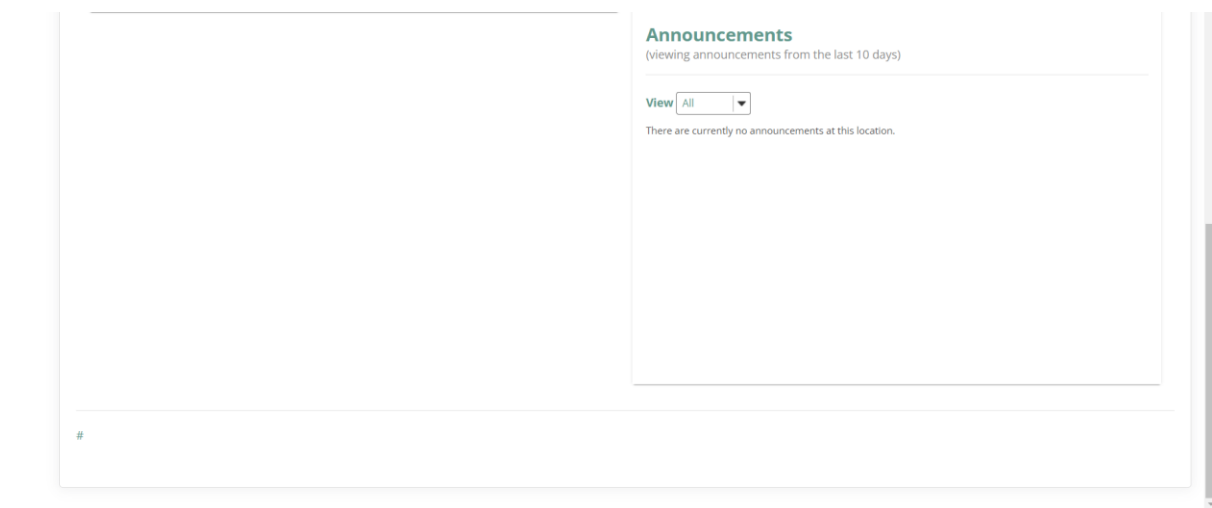
It makes user uneasy to deal with errors.

Principles violated:

Offer simple error handling.

Suggestions:

Should mention the major FAQ's and the contact information at the end page.



AUMS-UIE-21067-0010

Issue:

While the network is slow for the user, the page loading gives the confusion whether page got struck or not.

Principle violated :

Strive for consistency

Suggestions:

use a page loader symbol so that it symbolizes the user that page is loading.

