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# AUMS USER INTERFACE EVALUATION

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.

#### **About AUMS:**

AUMS (Amrita University Management System) is a web-based application that is used by students, faculty, and staff at Amrita University to access a variety of online resources and services related to their academic and administrative needs.

The AUMS is actually based on the open sourceSakai Project. The patches applied to AUMS gives the AUMS the look and feel are not opensourced, but the core that is based on it.

#### **User Interface Evaluation**

ID: AUMS-UIE-21026-001

Issue:

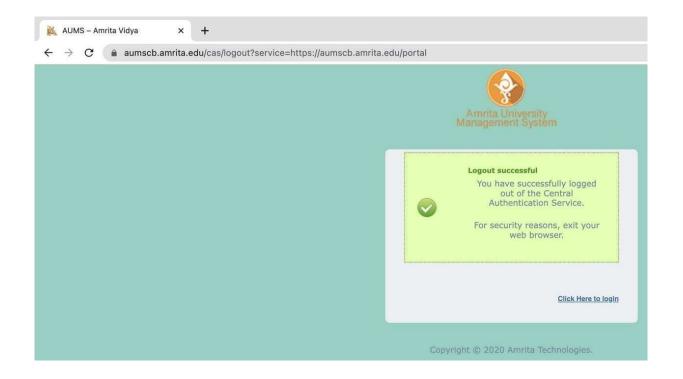
When the user truly means to log in, the logged out notification may occasionally be displayed.

**Principle Violated:** 

Support internal locus of control.

**Suggestion:** 

Make sure that sessions are managedproperly, and show the relevant message that answers to user requests.



#### Issue:

The course names are not shown on the tabs for each course, forcing the user to either browse through all tabs or keep track ofwhere each tab is. This is a really taxing activity for the user because there are so many topics to choose from.

## **Principles Violated:**

- Offer informative feedback
- Reduce short term memory load

# **Suggestion:**

It would be easier and faster for users toget to the required subject if the tabs for each subject just displayed the subject code.



Issue:

The course name cannot be easily seen; instead, the user must move the pointer over the tab before the topic can be see

# **Principle Violated:**

Reduce short term memory load.

## **Suggestion:**

Instead, the topic codes might be shown ontheir own in the tabs for each subject, making it easier and faster for users to find the required subject.



#### Issue:

It becomes hard to scroll past and displaythe next row in the marks table if the number of rows exceeds a certain limit.

**Principle Violated:** 

Strive for consistency.

**Suggestion:** 

The table's alignment needs tobe changed dynamically using CSS.

STUDENT	MARK R	EPOR	Т									
Roll No				26 Name			Kakara Manoj Ram			Academic Program & Branch		
Semester				→ NP:	Not Publish	ned						
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				8.0						
End Semester	2021- 2022	Regular	NP	NP	NP	NP	NP	NP	NP	NP		
Lab Evaluation 1	2021- 2022	Regular				5.0		23.0				
Lab Evaluation 2	2021- 2022	Regular				7.0		13.0				
Lab Evaluation 3	2021- 2022	Regular						33.0				
Mid Term	2021- 2022	Regular	NP	NP	NP	14.5	NP	4.0	6.0			
Mid-Term Online Exam	2021- 2022	Regular								NP		

#### Issue:

It is difficult for the user to read the textsince it is cut off multiple times.

# **Principle Violated:**

Strive for consistency.

## **Suggestion:**

CSS must be used to dynamically modify the text's alignment.



#### Issue:

The user must browse the whole list of time zones to make their selection in order to change the time zone.

## **Principle violated:**

Permit easy reversal of actions.

## **Suggestion:**

The user can utilize a search feature to rapidly identify the right time zone.

