

USER INTERFACE DESIGN ASSIGNMENT - 3

AUMS USER INTERFACE EVALUATION

Shneiderman's eight golden rules for interface design are:

- 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

AUMS-UIE-001

Issue:

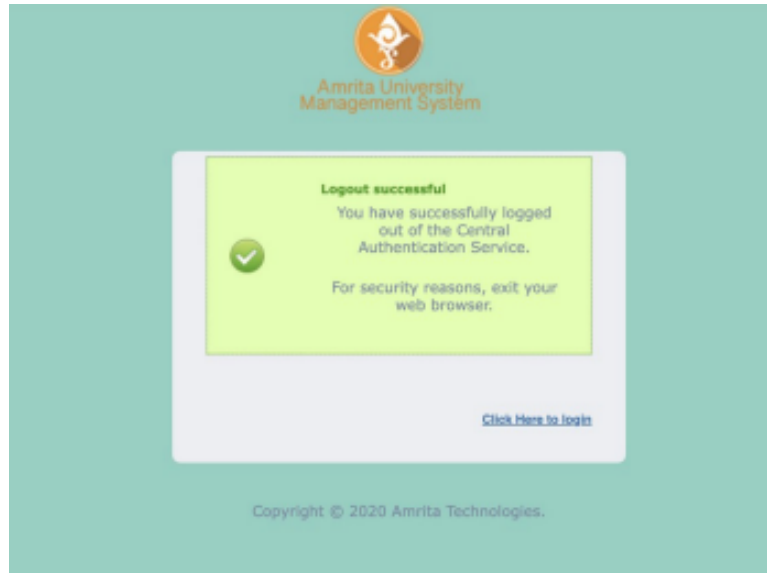
The logged out message is sometimes displayed when the user tries to login.

Principle violated:

Support internal locus of control.

Suggestion:

Session management must be maintained properly in order to display the appropriate message.



AUMS-UIE-002

Issue:

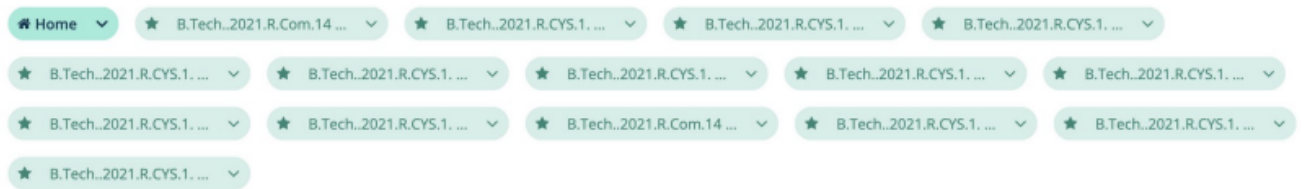
The course tabs do not display the course name, but rather an incomplete course ID due to lack of space.

Principle violated:

Reduce short term memory load
Offer informative feedback

Suggestion:

The subject name can be displayed in the given space, with course code and other details displayed upon clicking it.



AUMS-UIE-003

Issue:

The mark distribution across the table is not consistent. For example, some marks are given out of 10, while others out of 20, all in the same row.

Principle violated:

Strive for consistency

Suggestion:

Marks in a given row should be normalized to a consistent total to avoid further confusion.

(Lack of screenshot as issue is from previous semester)

AUMS-UIE-004

Issue:

Text is cut off in some places due to lack of space. This makes it impossible to read and comprehend the information.

Principle violated:

Strive for consistency

Suggestion:

The spacing can be made relative, and hence dynamically adjusted using CSS.

MEMBER BOOK ISSUE HISTORY

Library*

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

NB:- Renewal Not Allowed, If AllowedRenewUserByYN is 'N' or Renewal Limit is Exceeded.

Search Transaction Details

Start Date End Date

Checked Out Books

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

Total rows: 0

AUMS-UIE-005

Issue:

Incase of heavy load, the website crashes and displays a HTTP 500 error screen, that displays a lot more information than necessary, and it's not really useful information, apart from the title itself.

Principle violated:

Offer simple error handling

Offer informative feedback

Suggestion:

HTTP 500 error can be handled as a separate error page, that just displays the error name, as all other information is irrelevant for a common user.

(Lack of screenshot because it appears during heavy load, such as online tests)