

User Interface Design

AUMS User Analysis

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Observation ID - AUMS-UIE-001

Design principle violated - Consistency and flexibility

The screenshot displays the AMRITA Academic Management Suite (AUMS) interface. At the top, there is a navigation bar with links for Registration, Exam Scores, Fee, Dues, Personal, Library, and OPAC. The main content area is divided into several sections:

- Message Of The Day:** Contains a message from the Chancellor, Sri Mata Amritanandamayi Devi, with a quote: "Pray: May all reach the shore of peace, spreading the sweet holy fragrance of Love and vibrations of unity and harmony."
- Calendar:** Shows the calendar for January 2023, with the 1st highlighted.
- Home Information Display:** Currently shows "Not yet configured".
- Recent Announcements:** A section for displaying recent announcements.

The interface includes various interactive elements such as "Link", "Help", and "Edit" buttons, and a "Today" button in the calendar section.

Issue - There is no option for courses to be added to fav section (appear in the main page) so it can be easy to access

Suggestion - We can give a option in each course button where it can be added to fav section (star it) or not

Observation ID - AUMS-UIE-002

Design principle violated - Consistency

Assignment Title	Status	Open Date	Due Date
ER Diagram for project - Duplicate (-1 per week)	Draft - In progress	Nov 16, 2022 11:00 AM	Dec 28, 2022
DBMS Lab Periodical 2	Not Started	Dec 27, 2022 8:45 AM	Dec 27, 2022
DBMS Lab 4	Submitted Dec 15, 2022 10:58 PM	Nov 21, 2022 4:10 PM	Dec 15, 2022
DBMS LAB 3	Submitted Nov 27, 2022 12:26 PM	Nov 21, 2022 4:05 PM	Nov 30, 2022
DBMS Lab Periodical 1	Not Started	Nov 29, 2022 9:00 AM	Nov 29, 2022
Relational design and implementation of project	Submitted Nov 28, 2022 9:32 PM	Nov 3, 2022 2:45 PM	Nov 28, 2022
DBMS Lab 1 to 2b	Submitted Nov 27, 2022 11:21 AM	Nov 22, 2022 3:15 PM	Nov 28, 2022
DBMS Lab Evaluation 1	Not Started	Nov 22, 2022 9:00 AM	Nov 22, 2022
Lab 2b - Aggregate functions	Submitted Nov 20, 2022 8:10 PM	Nov 15, 2022 7:30 AM	Nov 21, 2022
Write up on SQL clauses and queries (1 to 2b)	Submitted Nov 20, 2022 7:40 PM	Nov 3, 2022 2:35 PM	Nov 20, 2022
ER Diagram for project	Submitted Nov 14, 2022 10:40 PM	Nov 3, 2022 3:00 PM	Nov 14, 2022
Lab 2a - string functions	Submitted Nov 7, 2022 1:51 PM	Oct 15, 2022 7:15 PM	Nov 7, 2022
DBMS LAB 2	Submitted Oct 19, 2022 10:52 AM	Oct 11, 2022 8:15 AM	Oct 20, 2022
DBMS LAB1b	Not Started	Sep 27, 2022 7:30 AM	Oct 3, 2022
DBMS LAB1	Submitted Sep 24, 2022 4:16 PM	Sep 20, 2022 8:50 AM	Sep 26, 2022

OVERVIEW

Message Of The Day

Options

Om Amriteswaryai Namah

"Pray: May all reach the shore of peace, spreading the sweet holy fragrance of Love and vibrations of unity and harmony."

Chancellor,
Sri Mata Amritanandamayi Devi

Calendar

January 2023

Sun	Mon	Tue	Wed	Thu	Fri
1	2	3	4	5	6
8	9	10	11	12	13
15	16	17	18	19	20
22	23	24	25	26	27
29	30	31	1	2	3

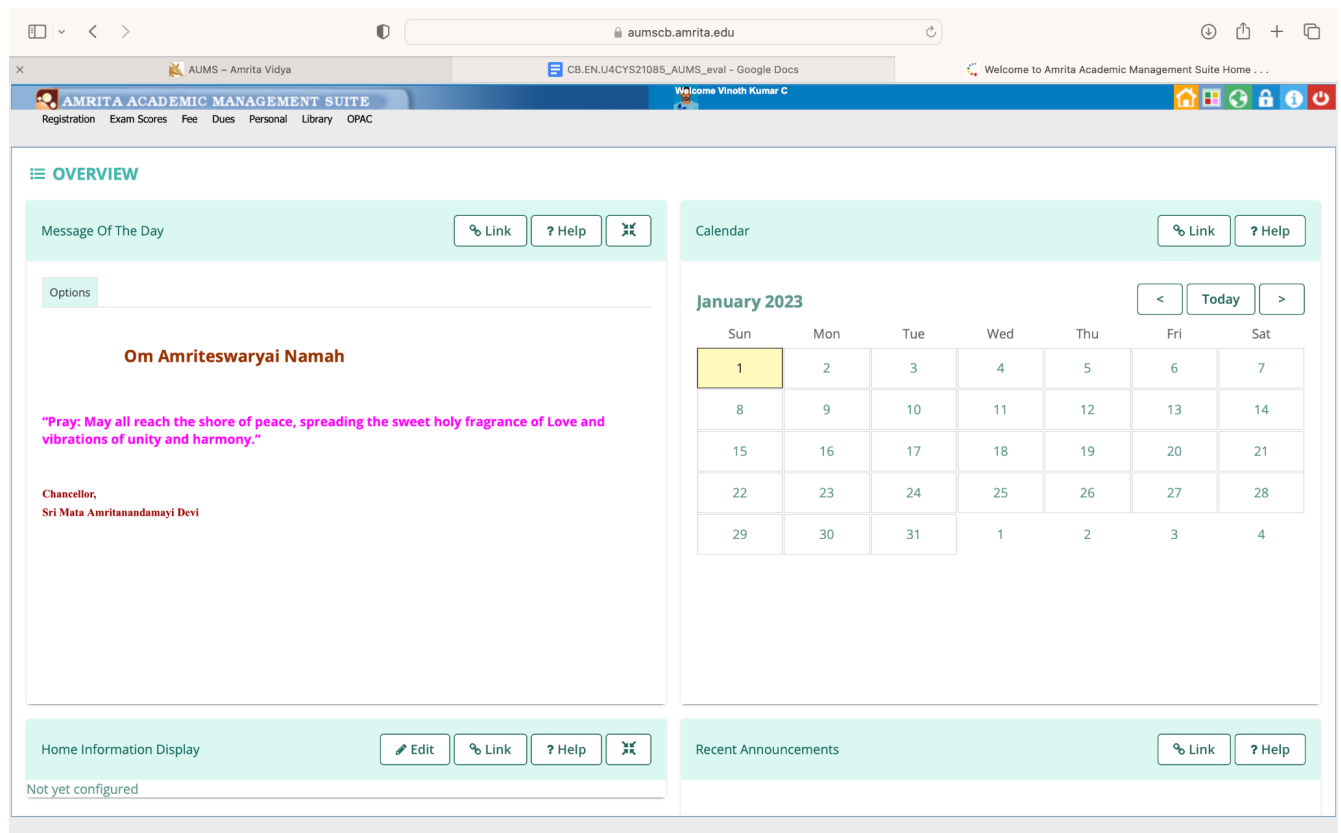
Issue - In the resource section, if there are more than 12 resources, we can't further scroll down than 12 options in default mode, for scrolling down we need to click full-screen mode, which is located at the right corner above the resource section, which is difficult to find for many users and once if we enabled the full-screen mode then we can access all the resources and if we log out and log in again, in home page we are not able to see the course drop-down menu in home page, as seen in the second image. Once if we manually turn off the full-screen mode then only we can see the courses drop-down menu in the home page.

Suggestion -

- 1) Consider implementing a pagination system for the resource list to allow users to easily access all resources without having to use full-screen mode.
- 2) Consider adding a toggle switch or button for the full- screen mode option to make it easier for users to turn it on and off as needed.
- 3) Consider adding a notification or message informing users when they are in full-screen mode and how to exit it.

Observation ID - AUMS-UIE-003

Design principle violated - Consistency



Issue - The icon of the person and the name could be little more larger, In addition to giving a home button in the top right corner of the navigation menu, the link to redirect to the home page can be linked with the site's logo so that it will be more convenient for the users who are using the site more frequently.

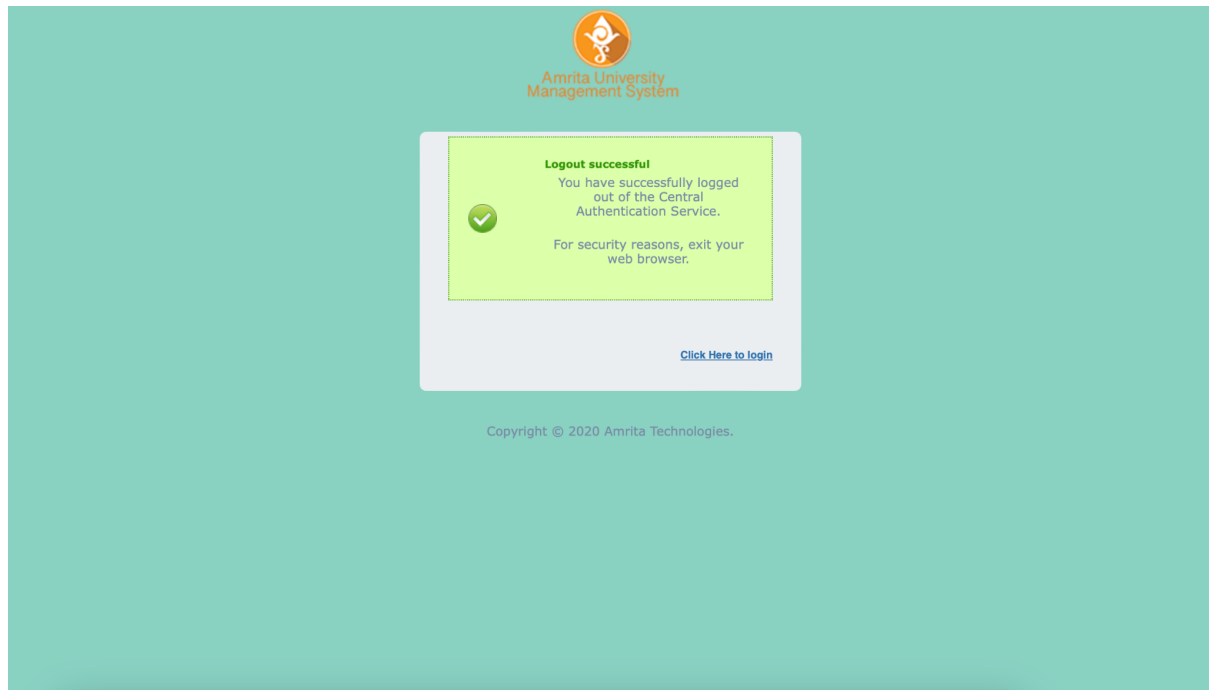
Suggestion -

Add student photo and name in the left (larger in size)

Link the site's logo to the home page to make it more convenient for frequent users.

Observation ID - AUMS-UIE-004

Design principle violated - Recoverability



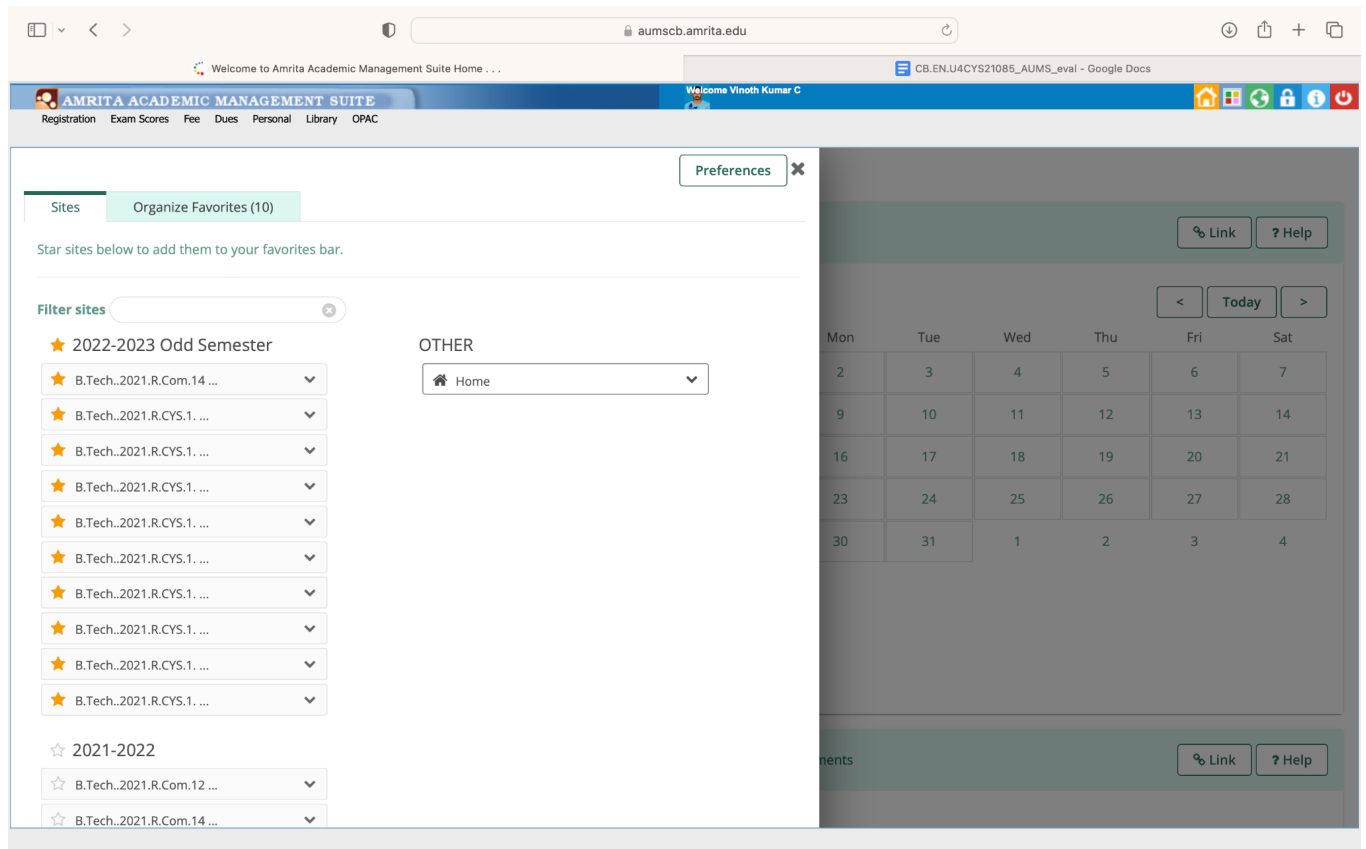
Issue - If we log in to aums one day in a browser and if we forgot to log out and closed the tab. After a few days when we again logged in to the same browser using our credentials, the page gives a prompt that we have logout out successfully rather than logging us into the home page.

Suggestion -

- 1) Consider implementing a session timeout feature, which automatically logs the user out after a certain period of inactivity and starts fresh in the log-in screen when they log in after some time.
- 2) Consider adding a logout confirmation alert message to alert the user when they are about to close the tab of the website.

Observation ID - AUMS-UIE-05

Design principle violated - Accessibility and user familiarity



Issue - Student can't remember the course code all the time

Suggestion - Along with the course code we can give the course name so it will be easy for the students to access it everytime