

USER INTERFACE DESIGN-20CYS202
ASSIGNMENT- USER ANALYSIS FOR AUMS

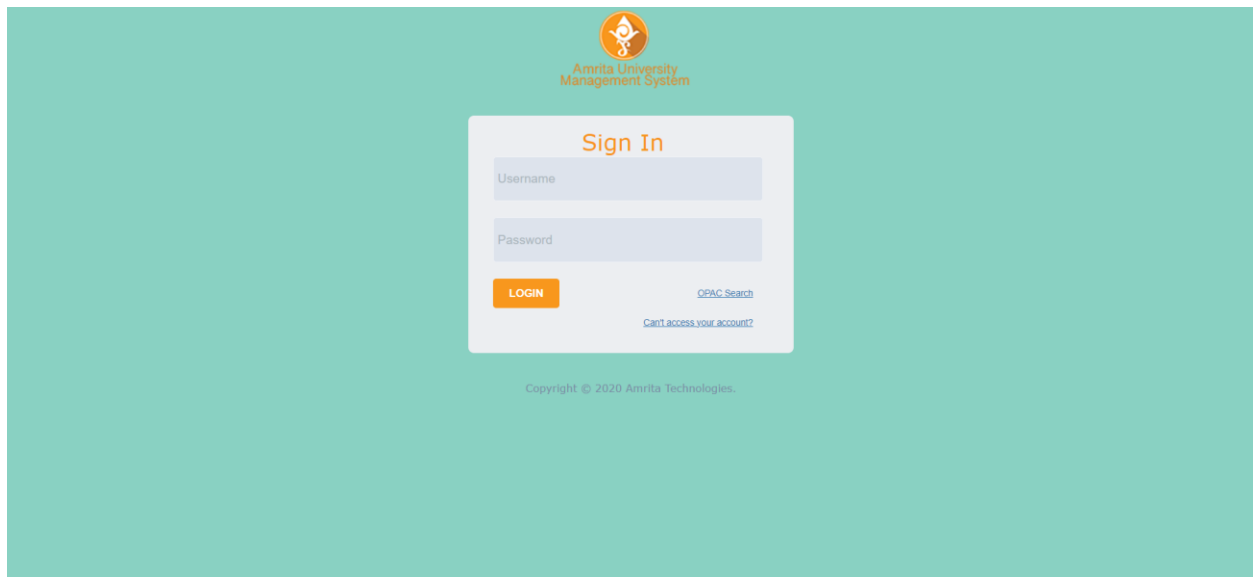
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About AUMS :

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 source Sakai Project.

Login Page:

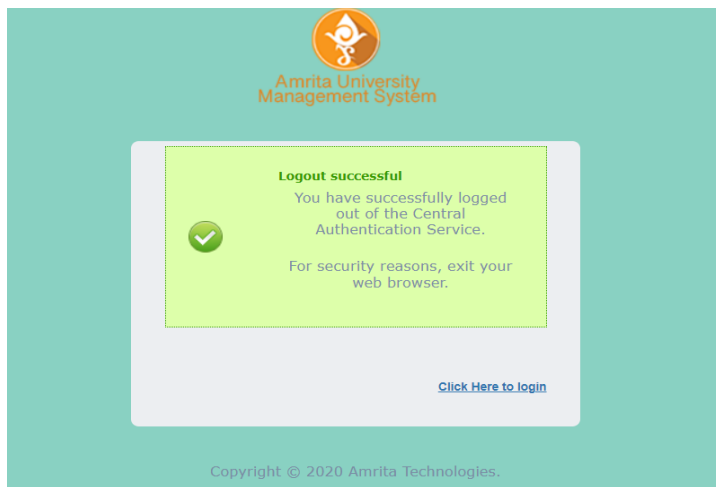


The screenshot shows the login page of the Amrita University Management System. At the top center is the Amrita University logo, a stylized orange flame-like symbol. Below it, the text "Amrita University Management System" is displayed. The main content area is a light blue box with the heading "Sign In" in orange. Below the heading are two input fields: "Username" and "Password". To the right of the "Password" field is a link that says "OPAC Search". Below the input fields is an orange "LOGIN" button. To the right of the button is a link that says "Can't access your account?". At the bottom of the page, there is a copyright notice: "Copyright © 2020 Amrita Technologies."

Login page has clear and concise headings. The alignment of the username and password box is good.

Issues:

The logout notifications of previous sessions are displayed when an user try to login.



The screenshot shows a message box on the login page. At the top center is the Amrita University logo, a stylized orange flame-like symbol. Below it, the text "Amrita University Management System" is displayed. The message box is a light green box with a green checkmark icon on the left. The text inside the box reads: "Logout successful", "You have successfully logged out of the Central Authentication Service.", and "For security reasons, exit your web browser." Below the message box is a link that says "Click Here to login". At the bottom of the page, there is a copyright notice: "Copyright © 2020 Amrita Technologies."

Invalid credentials.

Sign In

Username

Password

LOGIN

[OPAC Search](#)

[Can't access your account?](#)

Informative feedback maybe given if the login credentials entered are incorrect like password is incorrect.

Home Page:

Welcome Iniyar R
Mon Jan 02 2023 12:27:32 AM

Home 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	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

There are two navigation bars one at top right corner and another left size.

- Subject Tabs:

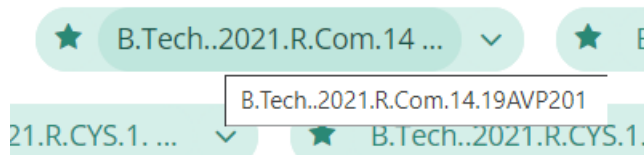
Home B.Tech..2021.R.Com.14 ... B.Tech..2021.R.CYS.1. ... B.Tech..2021.R.CYS.1. ... B.Tech..2021.R.CYS.1. ...

B.Tech..2021.R.CYS.1. ... B.Tech..2021.R.CYS.1. ... B.Tech..2021.R.CYS.1. ... B.Tech..2021.R.CYS.1. ... B.Tech..2021.R.CYS.1. ...

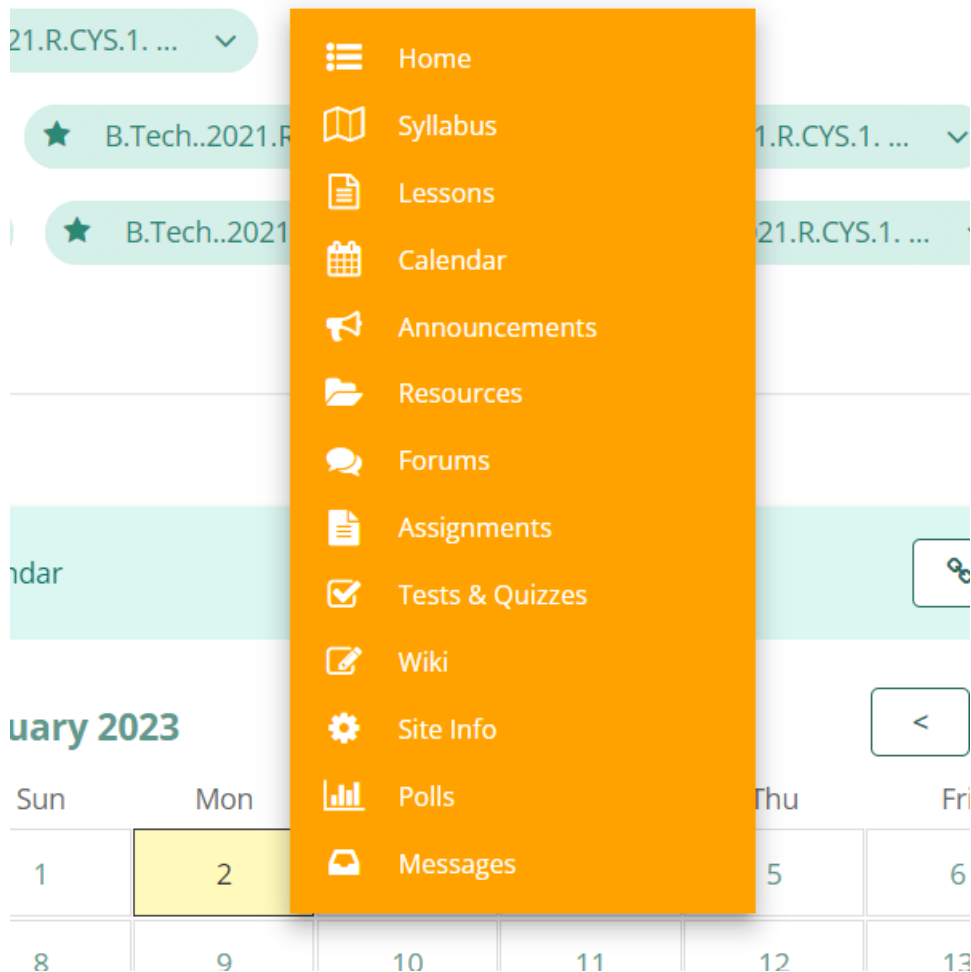
B.Tech..2021.R.CYS.1. ... B.Tech..2021.R.CYS.1. ... B.Tech..2021.R.Com.14 ... B.Tech..2021.R.CYS.1. ... B.Tech..2021.R.CYS.1. ...

B.Tech..2021.R.CYS.1. ...

The alignment of each subject button is good. The color grading of the box is good but the colour of text inside the button may have been much more darker.
Another issue is full subject code is not visible. The main part of the course code is hided.



The full course code is only displayed when we the pointer moves over it.



When an user clicks the drop down icon near course code the above options are displayed.

The resources part and lesson part share similar information. So either one of them can be removed.



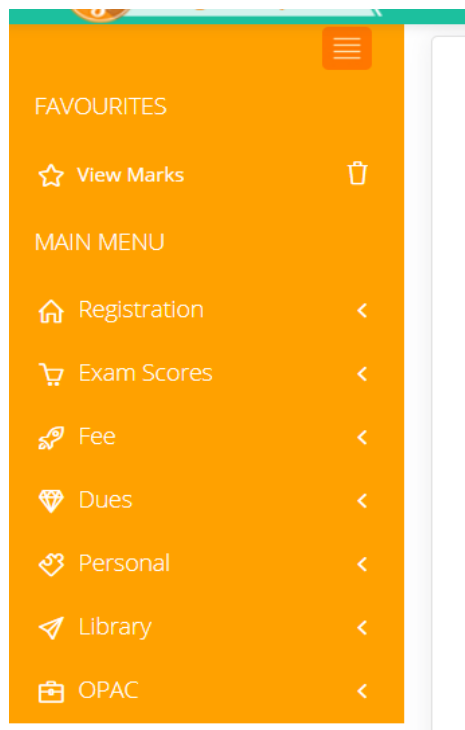
Alignment of logo is good but it would have been better if the text is little more clear(Management).

	Title	Access	Created By	Modified	Size	
	B.Tech.,2021,R.CYS,1,20CYS204 Resources					
<input type="checkbox"/>	Oracle		Entire site	Ambili K N	Dec 22, 2022 12:17 pm	2 items
<input type="checkbox"/>	1.DBMS __Introduction.pdf		Entire site	Ambili K N	Sep 22, 2022 2:27 pm	89.2 KB
<input type="checkbox"/>	2.DBMS __Data_Models.pdf		Entire site	Ambili K N	Sep 22, 2022 2:27 pm	90.8 KB
<input type="checkbox"/>	3.DBMS __ER_diagram.pdf		Entire site	Ambili K N	Sep 22, 2022 2:27 pm	93.6 KB
<input type="checkbox"/>	4.ER Diagram.pdf		Entire site	Ambili K N	Sep 22, 2022 2:27 pm	2.5 MB
<input type="checkbox"/>	5.Relational Data Model and Relational DB Constraints.pdf		Entire site	Ambili K N	Sep 22, 2022 2:27 pm	1 MB
<input type="checkbox"/>	20-NoSQLMongoDB.pdf		Entire site	Ambili K N	Dec 22, 2022 11:53 am	1.1 MB
<input type="checkbox"/>	Advanced SQL.pdf		Entire site	Ambili K N	Dec 22, 2022 11:53 am	13.2 MB
<input type="checkbox"/>	ch2Silberschatz-6th edition.pdf		Entire site	Ambili K N	Nov 24, 2022 3:25 pm	5 MB
<input type="checkbox"/>	ch2Silberschatz-7th edition.pdf		Entire site	Ambili K N	Nov 24, 2022 3:25 pm	3.3 MB
<input type="checkbox"/>	ch3.pdf		Entire site	Ambili K N	Dec 4, 2022 11:06 am	2.5 MB

The icon at the bottom right corner displays the currently logged in users. This maybe removed as privacy of other users is disturbed because a person can see if a student is using aums or not.

This is a page from resource section which contains all files uploaded by an faculty related to the subject. An issue is we can't scroll down in that page. For downloading a file an student should select title button so that all files are selected (This is because a student can't scroll down to download the below files).

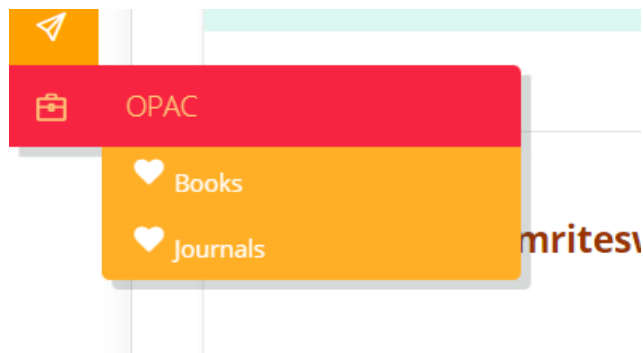
Navigation bar at left corner



This contains all academic related information.

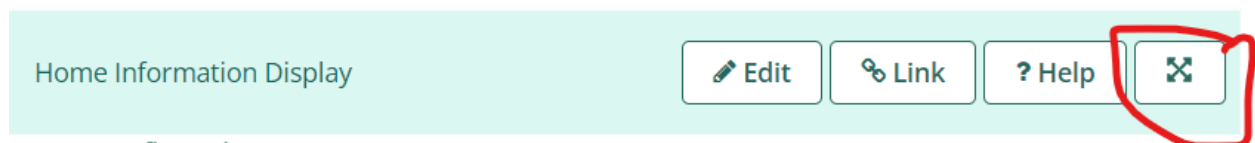
Online Quiz 4	2021-2022	Regular					NP			
Quiz 1	2021-2022	Regular				5.0		31.0		
Quiz 2	2021-2022	Regular				11.0		21.0		
Quiz 3	2021-2022	Regular				6.0				
Unit Test 1	2021-2022	Regular			NP					
Unit Test 2	2021-	Regular			NP					

In the marks section the last part is not fully visible(Unit Test2).



OPAC:

To search for books in the central library based on various search criterias .



Not yet configured

The highlighted icon is not working.



Navigation bar - top right corner:

It contains an image of the student with his name.

Welcome message is not needed or can be aligned to left of the navigation bar as it is just a space apart from the name.

Conclusion:

Hence to conclude with, the AUMS website is pretty functional but there are many areas where the UI needs to improve in terms of contents in navigation bar, the hover effects and the responsiveness of the pages upon user interaction.

All the necessary features were pretty much highlighted and easy to find but a new user may find all the existing features overwhelming.

The overall UI design was consistent but hover functions were messy.

Based on these findings, I recommend the following changes:

- Login and Logout sessions need to be managed properly.
- Search option can be included.
- Render the course names properly by setting a minimum width for the tab.
- Scroll down option in assignments.