User Interface Design - 20CYS202
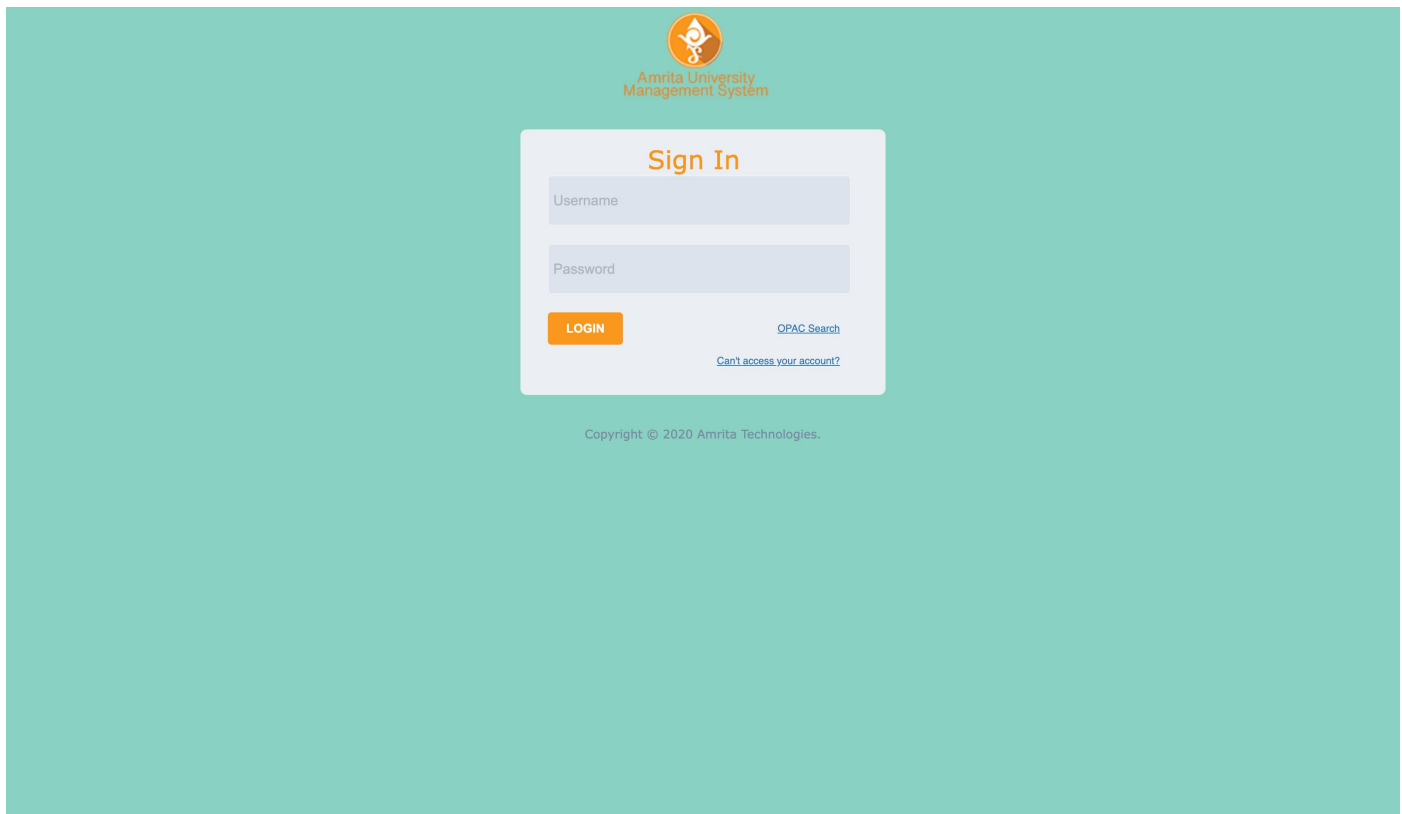
AUMS - User Analysis

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<u>Users:</u> Students and faculties of Amrita Vishwa Vidyapeetham.

<u>Sign In page:</u>

- The page is very simple displaying the input box for only the required credentials (username and password).
- Each text box displays what is to be entered inside the box.
- Log in button is highlighted in orange color and makes itself distinguishable.
- Other information like logo and copyright are displayed in the right areas with right sizing.
- Link for contacting the management or rising queries on accessing respective account are displayed in the right area, spacing and size.

Advantage:

- When a user signs in and closes the tab without signing out. The next time the user opens the sign in page, the old user is automatically signed out and the information regarding the same is displayed. (Again, the sign in link is displayed for the convenience of the user)
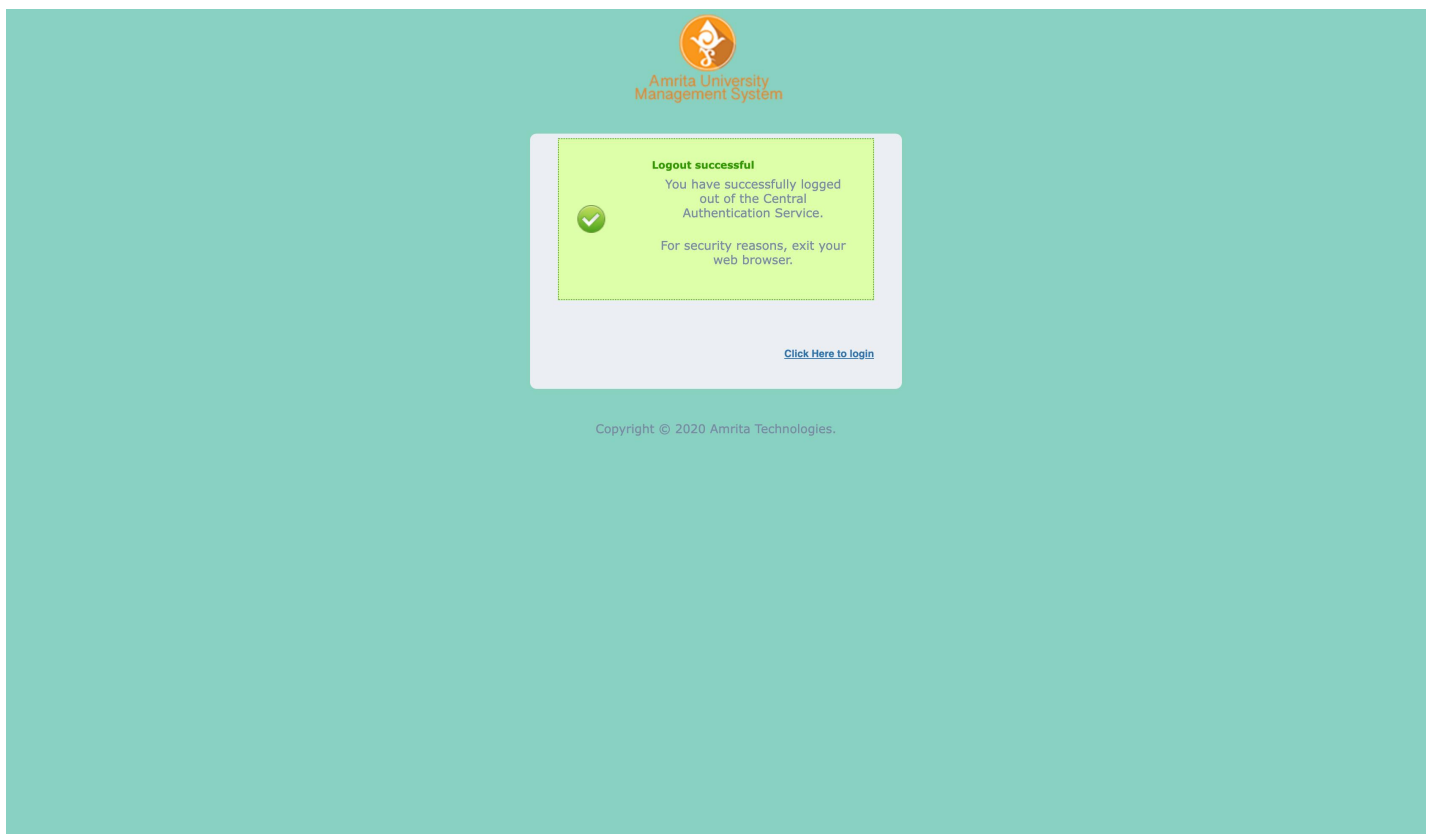
Disadvantage:

- The password for this portal can be set with no special characters, numbers or uppercase alphabets.
- There is no maximum or minimum number of characters criteria for setting a password.
- There is not maximum number of wrong entries for a particular user id.
- In this situation it becomes very easy for the attackers to get in to any user's account.

Home page:

Displayed information:

- Portal logo on the top left
- Two navbars –one on top right and another on right
- User information (name, picture) adjacent to the top right navbar.
- Subject tags- List of courses registered (displayed as dropdown box) on the top below the top taskbar.
- Overview section is divided equally. One half is for all the messages of the selected day (current date will be default). Another half is for the calendar.
- Right amount of sizing and spacing is given for clear understanding.
- Looks simple and easy to understand for a new user.

Top right navbar:
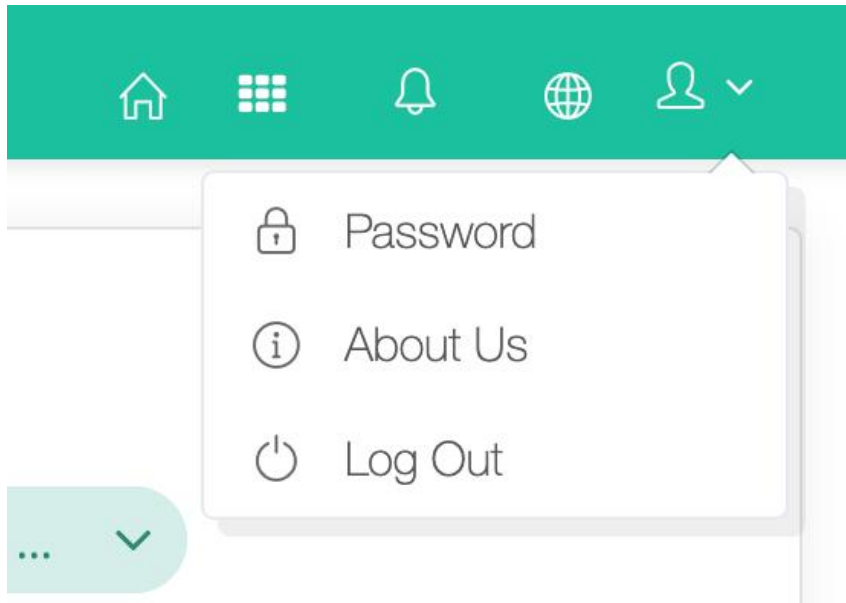
- Home icon for redirecting to the home page.
- 9 boxed icon for displaying the different courses chosen by the student in the current and past semesters.
- Bell icon for displaying the notifications.
- Globe icon for location of institution viewer.
- Person icon acts as a dropdown box for - Editing password to improve security, about institution information and log out box(button).

Subject tags:
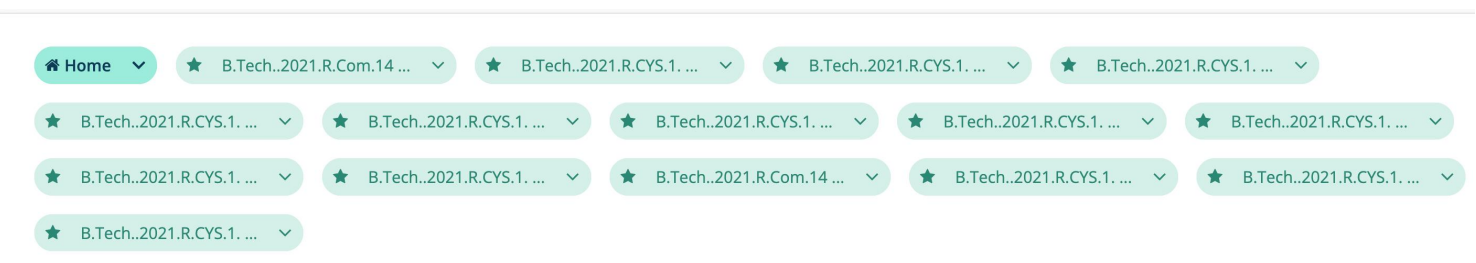
- All the subjects or courses are displayed using their subject id which is too long to fit in the stipulated area and hence it is not completely visible.
- This make users get frustrated and user is pushed to the situation of opening each subject id to verify if it is the subject he is in search of.

Subject tag – Dropdown box:
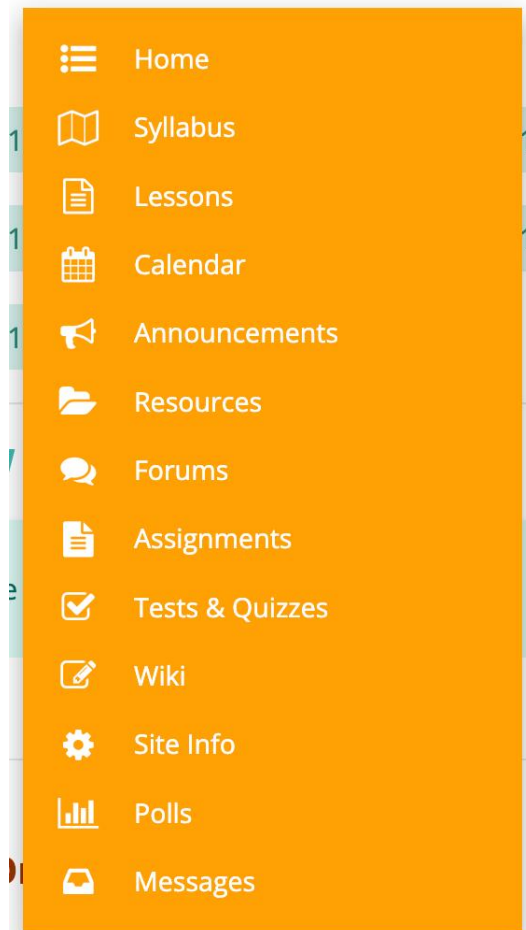
- Information such as redirecting to home, syllabus, lesson, calendar, announcements, resources, forums, assignments, tests & quizzes, wiki, site info, poll, messages are available for the users to see.

Wiki:

✎ WIKI

Search: [   ]

Information for: Home

Page Permissions by role ?	Create ?	Read ?	Edit ?	Admin ?	Super Admin ?
Instructor	yes	yes	yes	yes	**no**
Student	**no**	yes	**no**	**no**	**no**
Teaching Assistant	yes	yes	yes	**no**	**no**
Enable/Disable on this page ?		yes	yes	yes	

Additional Page Permissions

Page Owner ?		yes	yes	yes	
Authenticated users ?		no	no		
Anyone at all ?		no			

Incoming ?

Outgoing ?

Comment ?

Notification Preferences ?	Edit Notification Preferences for /site/59995
Views and Feeds ?	⟨⁄⟩ Public View
	📄 PDF
	RSS 1.0
	RSS 0.91
	RSS 2.0
	ATOM 0.3
Owner ?	AUMS Administrator
Global Name ?	/site/59995/home
Permission Section ?	/site/59995
Id ?	39f53122-cd12-4adf-8146-39da7121d0ec
last edited ?	September 22, 2022 9:08:10 AM IST by AUMS Administrator
SHA-1 ?	8913FB196CEE089DF97BEA71B1DBBC6440157AD9

- This page contains some important page and role permission details of different users.

Message of the day:

Message Of The Day	% Link	? Help	⤢

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

- A simple and most effective way for letting to the users what is happening on the particular day.
- The space is very presentable.

Calendar:

Calendar	% Link	? Help

January 2023   < | Today | >

| 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	1	2	3	4

- The calendar lets the user move between dates and let the users know if any events are scheduled on the particular day.
- A dot below the date is a signal for an even on the particular date for easy identification.

Main Navbar:
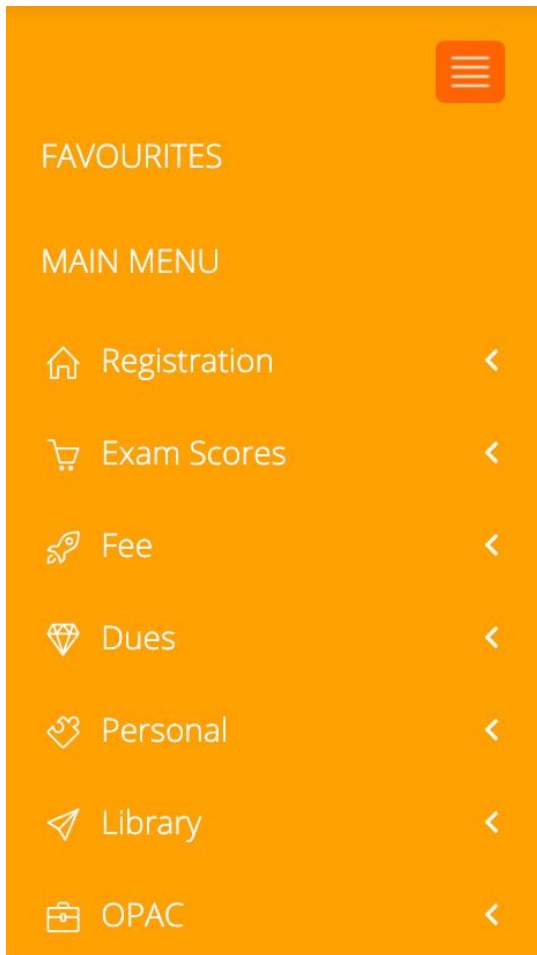
- Contains information tags such as registration details, exam scores, fee, dues, personal, library and OPAC.
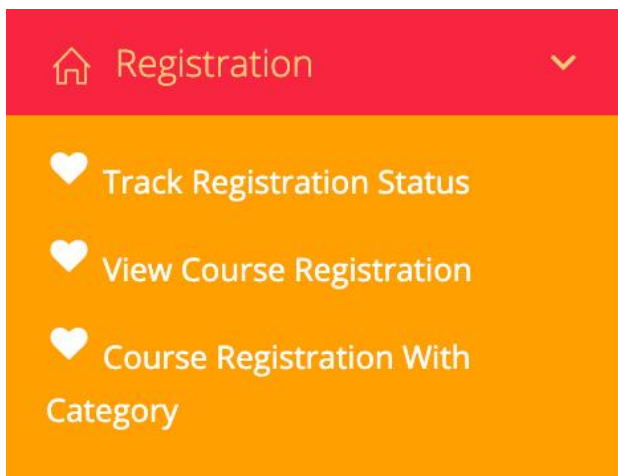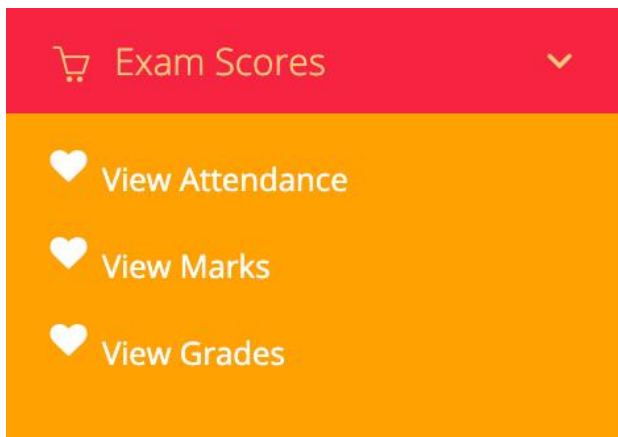
- When one dropdown box is active and the user tries to open another one then the old dropdown box closes. This makes the user not take in more information and not confuse them with more information.

Exam Name	Academic Period	Exam Type	19AVP201	CIR_SSK211.	20CYS281	20CYS205	20CYS204	20CYS203	20CYS202	20CYS201	19CSE201
Assignment 1	2022-2023	Regular									16.0
Continuous Assessment 1	2022-2023	Regular								8.0	
Online Quiz 1	2022-2023	Regular									8.0
Online Quiz 2	2022-2023	Regular									10.0
P1 Online Exam	2022-2023	Regular	18.35								
P2 Online Exam	2022-2023	Regular	0.0								
Periodical 1	2022-2023	Regular								0.0	11.0
Quiz 1	2022-2023	Regular								0.0	

- In terms of mark tables users wish to how much are they evaluated. Total marks for each division will make the table more meaningful and informative.
- Each row and column of the table are in different sizes, working on alignment will make a huge difference.
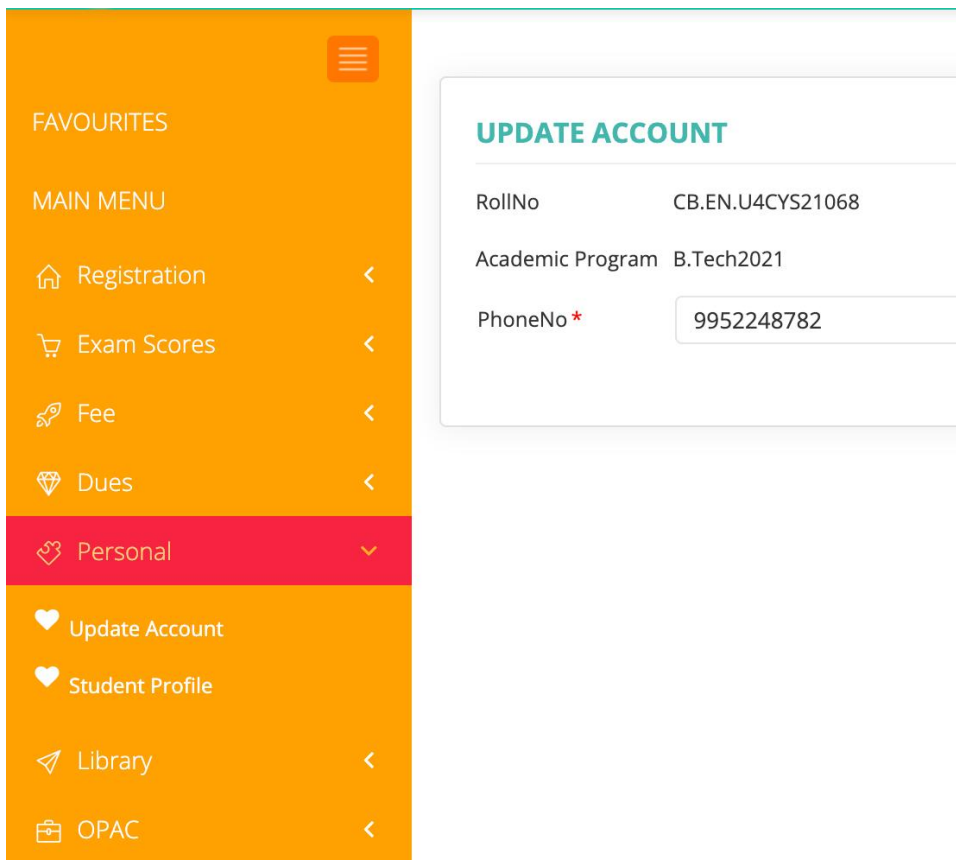
- In the above image it can be observed that a user is in the personal tab (as highlighted), But it does not specify on want sub tab is the user currently on.
- It would be easy for the user if the current tabs are highlighted for simple navigation.
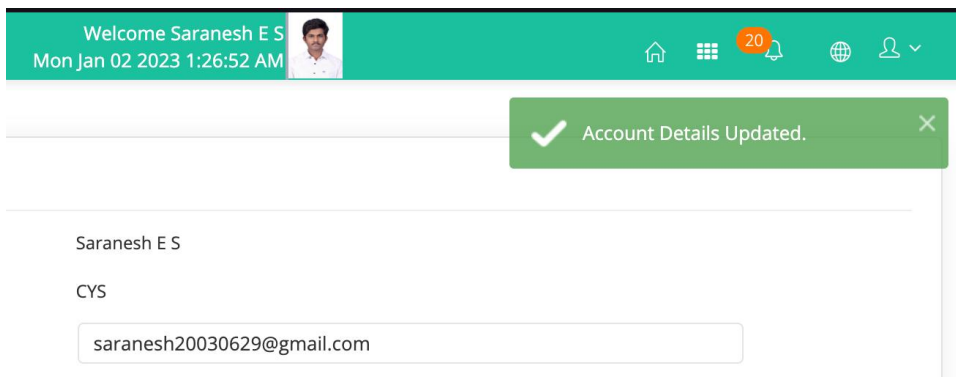
- In the top right below the navbar of the above image it can be observed that green box appears to give a confirmation that there have been some changes done and it has been updated.
- This disappears in a stipulated time.

- This helps in giving confirmation to the user making it attractive and informative.

- OPAC – is a great searching tool and all the necessary information regarding the book is displayed in an organized and aligned manner.

Overall betterment suggestions:

- The tools in the web work perfectly fine but displaying the information in an aligned and simple manner is where the web has to improve.
- Overall UI design is consistent with simple color combination.
- overall CSS must be improved mainly with the navbars.
- Responsiveness of the page on interaction needs a major correction.