

2023

MY STUDY BUDDY

DOCUMENTATION

DSW02B1

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DOCUMENTATION OUTLINE

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PROBLEM STATEMENT

- With the high number of failure leads to an increase in student dropout and a high number of level 7 applicants .
- Lack of information on the student portal students do not know where to get extra information , few past papers that are posted online causing poor preparation for examinations.
- Students have askofobia causing them not to ask questions in class and consult with their tutors

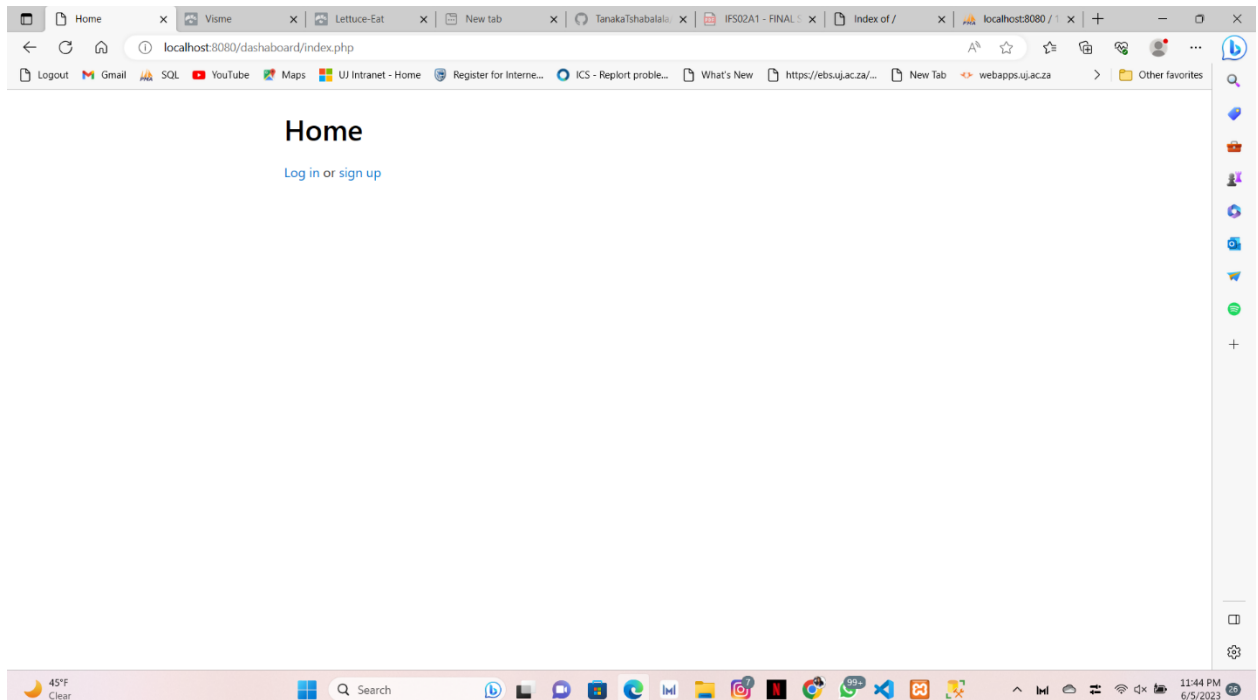
The Solution

- We have created an online study buddy where students can have access to YouTube videos that have detailed information about any specific module .
- In addition we have added contact details of tutors so that students can reach and ask for help where needed .
- Finally we have uploaded past papers where students can download for better preparation for their examinations .

The solution impact.

- The website will increase the number to pass rate in BIT qualification.
- As the world evolves, the more technology is needed therefore it is very important that we continue to grow this industry.

The system Requirements



- The user needs to sign up to use the website.

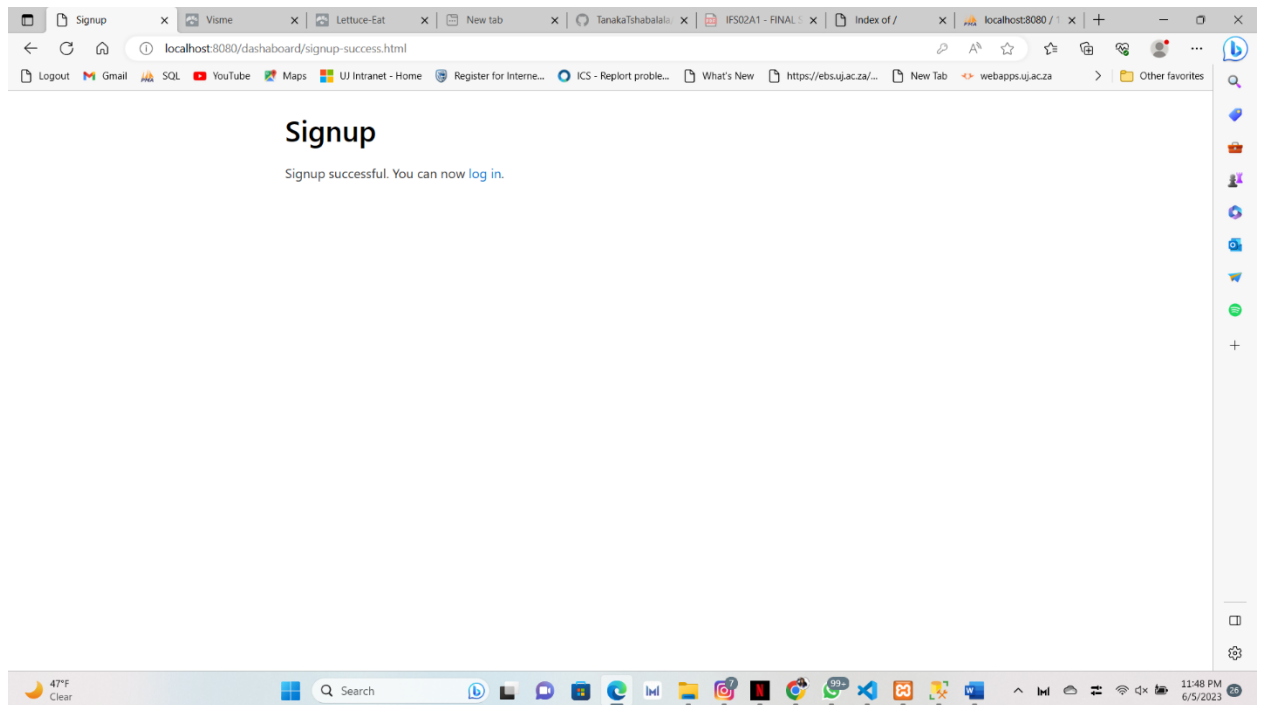
- The users' details are then saved into the websites database

The screenshot shows a web browser window with the address bar displaying 'localhost:8080/dashboard/signup.html'. The page title is 'Signup'. The form contains the following elements:

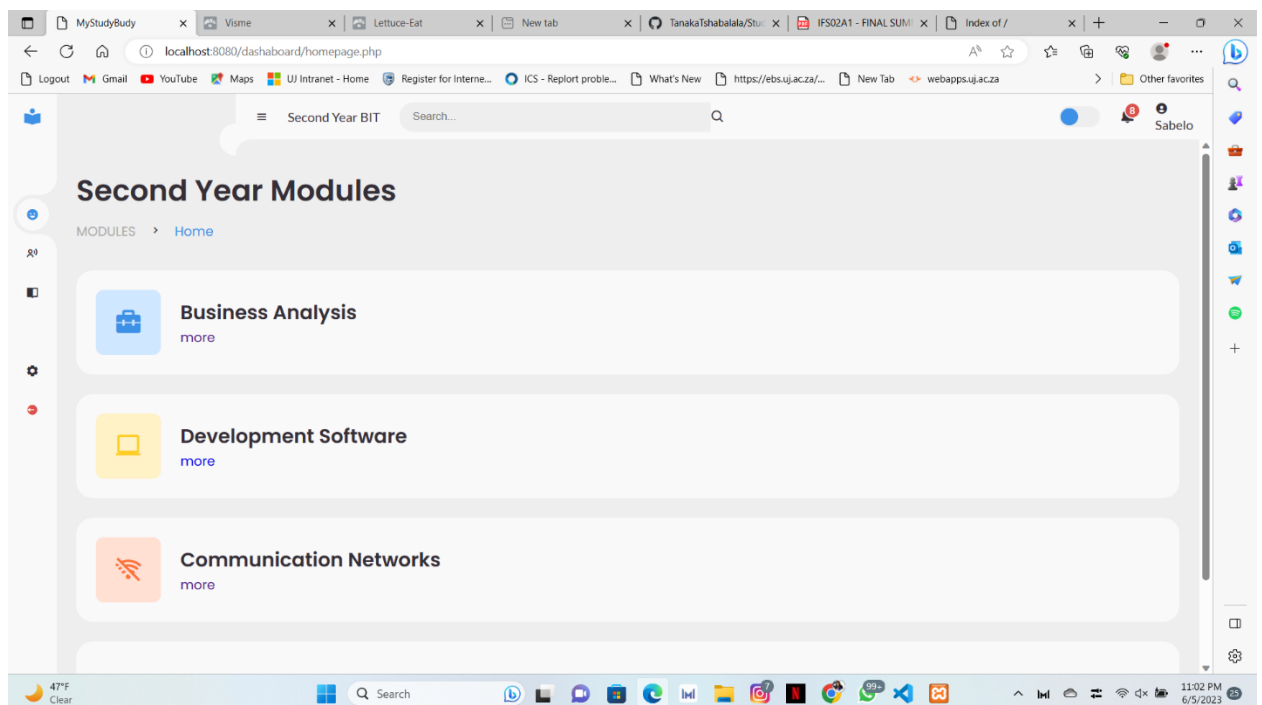
- Name:** A text input field.
- email:** A text input field.
- Password:** A text input field.
- Repeat password:** A text input field.
- Sign up:** A button located below the 'Repeat password' field.

The browser's taskbar at the bottom shows the system clock as 11:44 PM on 6/5/2023, and the weather as 45°F Clear.

- The user needs to insert all the required information following the conditions.
- The user needs to create a password of no less than 8 characters.
- The password needs to have at least one special character, at least one number and a capital letter.



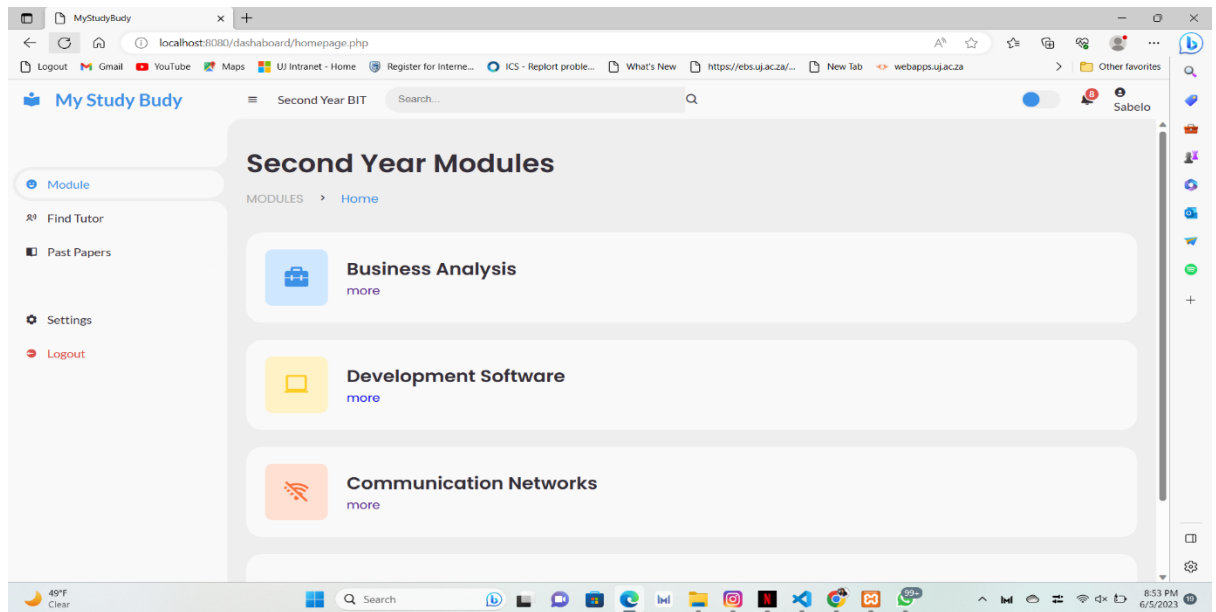
- After signing up the user needs to log into the website
Using their sign-up details



- The user can then have access to the website and
maneuver as they please

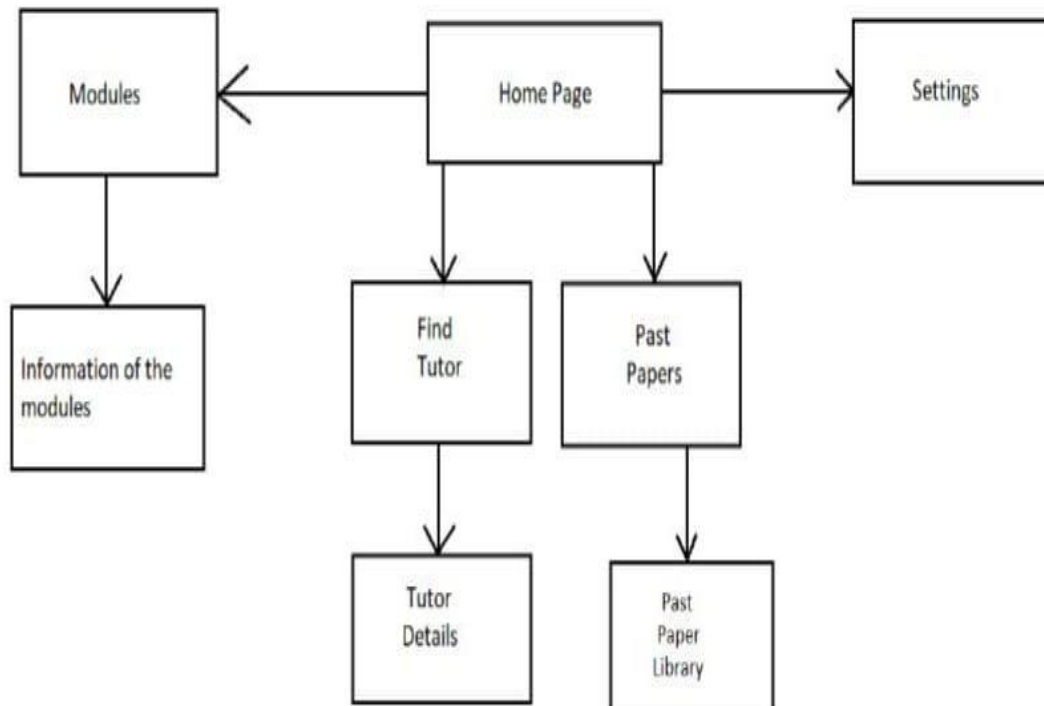
The system Architecture

- The system is built to make the users life easy, therefore we made the website easy for the user to get the information they need as quick and fast as possible.



- The color choice is to make the viewer excited and hopeful.
- Everything in the website is easy to find and locate.
- We used the Boxicons for more simplicity, we don't want to overwhelm the user with too many pictures and information.
- We have inserted pictures of the tutors and lectures next to their names and contact details for the user to easily identify the specific person they are looking for.
- The user's name appears under the "user" icon so that they know which account they used to sign in.

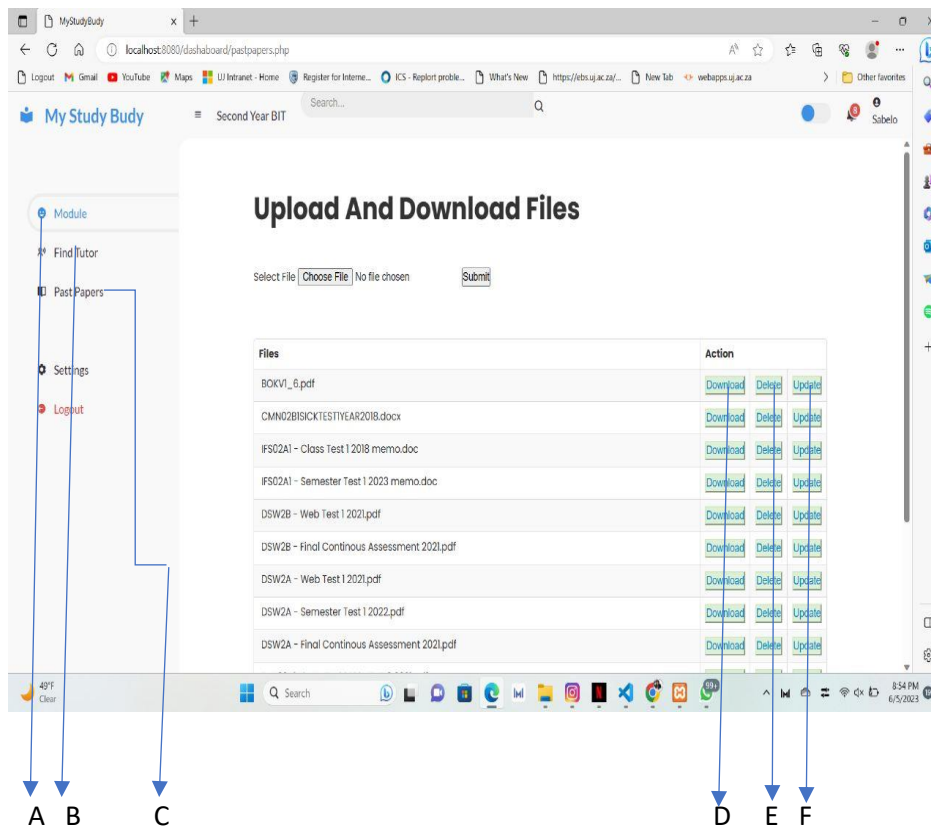
UML DIAGRAM



Mock Up

FIG 1

This picture shows the user interface and most of the website functions



A – the “Module” button shows the modules that the website offers

B – the “Find Tutor” button shows the tutors available

C – the “Past Papers” button shows the past papers that are uploaded on the website

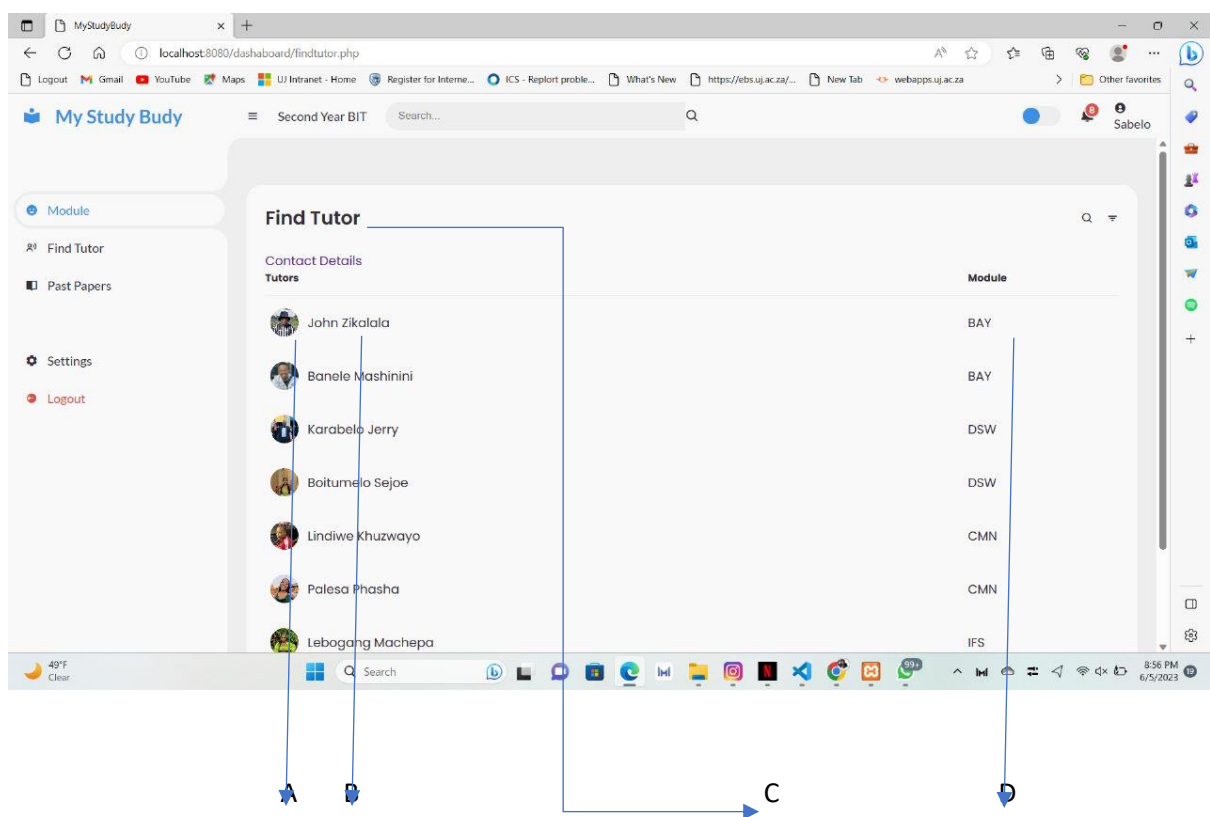
D – the “Download” button is used to download the files for future use or reading

E – the “Delete” button is used for deleting the files uploaded maybe due to errors or incorrect data

F – the “Uploading” button is used for loading files so that users can be able to access them anytime

FIG 2

This picture shows the tutor that we have and the modules they teach and the contact details that's shows the phone numbers of these tutors



A – these are the tutor profile pictures for easy recognition

B – these are the tutor names

C – this “contact details” button shows the phone numbers for each tutor respectively as shown on Fig 3

D – these are the modules each tutor teaches as aligned

FIG 3

MyStudyBudy

Second Year BIT

Search...

Module

Find Tutor








Past Papers

Settings

Logout

Find Tutor

Contact Details

Tutors	Module
 062 006 6482	BAY
 072 452 3189	BAY
 073 717 2239	DSW
 082 301 5002	DSW
 079 468 2390	CMN
 066 207 2024	CMN
 081 324 2365	IFS

49°F Clear

Search

8:54 PM 6/5/2023

GLOSSARY

- Mock Up - make a replica or imitation used
- API - stands for Application Programming Interface
- System structure – the system structure or pattern of organization represents a logical model of systems for the system -of -interest .
- Problem statement – is a short, clear explanation of an issue or challenge that sums up what you want to change .

LINKS

<https://github.com/TanakaTshabalala/Study-budy>