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GROUP-19  Student Number-219005303

Project 2(Individual assignment)

REGISTRATION PAGE

(Warren Jaftha and Ameer Ismail)

DESIGN RESEARCH

**COLORS**

The Color scheme for our app design that we chose was **THE ANALOGOUS SCHEME.**

ANALOGOUS SCHEME is a combination of colors that when you look at the color wheel are found next to one another. One color is dominant and then the other colors which you have chosen would enrich the scheme.

Why?

The reason why we chose this color scheme was because it is very **harmonious** and **very pleasing to the eye** which is good when using it in app design.

C:\Users\a\Downloads\cyan.PNGThe colors that we are choosing is

CYAN RGB: 0,255,255 HEX: 00FFFF

C:\Users\a\Downloads\blue.PNG

BLUE RGB: 0, 0, 255 HEX: 1800FF

C:\Users\a\Downloads\cornflower.PNG

CORNFLOWER BLUE RGB: 100,149,237 HEX: 6495ED

[Mobile App Design: 14 Trendy Color Schemes | by Adoriasoft | Medium](https://medium.com/@Adoriasoft/mobile-app-design-14-trendy-color-schemes-2669b5bb77d3)

**TASKS**

The task that I was given to complete is the Registration and the Reset password page.

The Registration Page will basically create a new user and add it into the database which we will be creating.

The reset Password Page will be responsible for resetting an individual’s password by sending them email to their email address to reset password.

**REFLECTION**

**Phone**: Nexus 6-API 30

**Phone Size**: Normal

**Software Used**: Android Studio

**Apps Purpose**: make Cput application development students aware of Loadshedding times based on their time table.

For my registration page and reset page to work and function properly on final submission my group (including myself) will be using a built-in software called “**Firebase**” which is located in android studio. Our app needs this software to function 100% (functional requirement).

So, what is Firebase?

Firebase is a Backend-as-a-Service (Baas). It provides developers with a variety of tools and services to help them develop quality apps, grow their user base, and earn profit. It is built on googles infrastructure.

Firebase is categorized as a NoSQL database program, which stores data in JSON-like document.

To put it in simple terms what this software’s purpose is in our app is to serve as a safe and secure online database that will store individuals Information that they have inputted when creating a account in the registration page as well as locating information when they try to login

**Mind Map-Planning**

Marvin:

Functionality Page

Warren:

Registration Page and Reset Page

Edvalter:

About Page

Ameer:

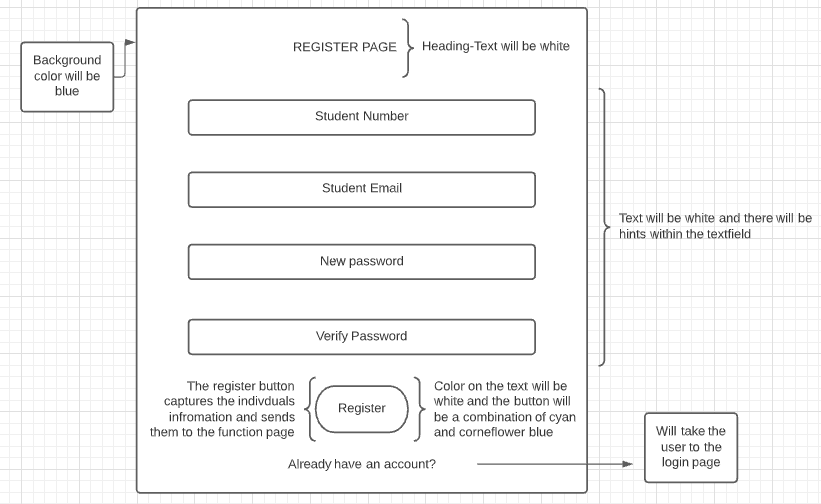
Login Page

CPUT LOADSHEDDING ALERT!!

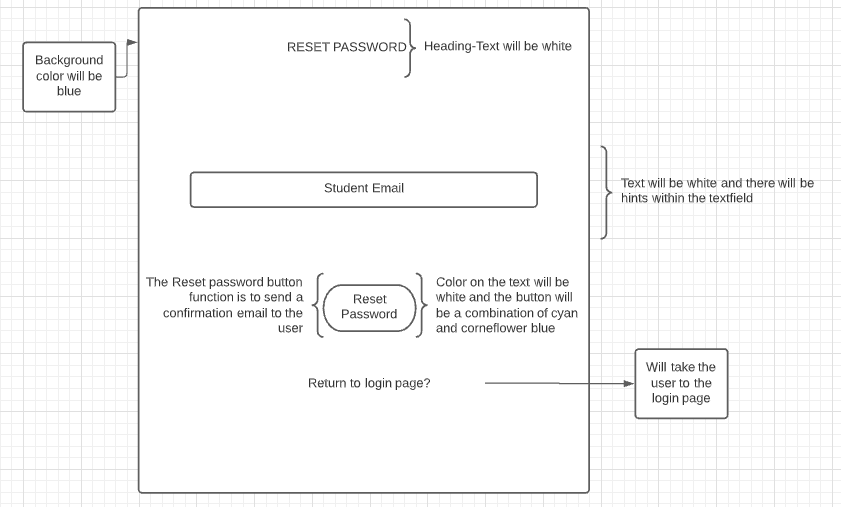
Brent:

Contact Page

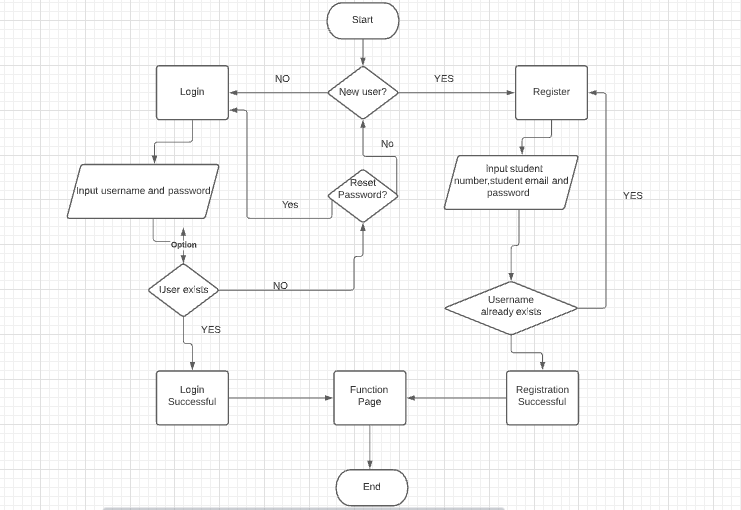
**WIREFRAME(REGISTRATION PAGE)**



TEXTFIELDS-Each one of these textfields will have a maximum of 40 characters.

**FIREFRAME(RESET PASSWORD)**

TEXTFIELDS-Each one of these textfields will have a maximum of 40 characters.

**FLOW CHART and PSEUDOCODE**

**REGISTRATION PAGE PSUEDOCODE**

**BEGIN**

**INPUT**

Display “Student number”

Enter Student Number

Display “Student Email”

Enter Student Email

Display “New password”

Enter New password

Display “Verify Password”

Enter Verify Password

**PROCESS**

**If**

All data is inserted correctly into the fields

**then**

Data gets retrieved from the text fields and the new user is created.

**Else if**

Certain fields are left empty

**Then**

No data is retrieved, no user is created

**OUTPUT**

Users Account is created and is taken to the Registration Page

**END**

**FORGOT PASSWORD PAGE PSUEDOCODE**

**BEGIN**

**INPUT**

Display “Student Email”

Enter Student Email

**PROCESS**

**If**

email is inserted

**Then**

Data gets retrieved from the text fields and a verification email is sent to user.

**Else if**

No email is inserted

**then**

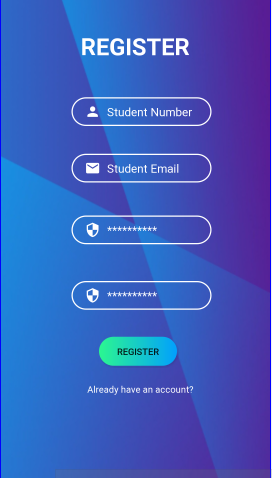
No verification email is sent and alert message is displayed

**OUTPUT**

The user receives the verified email then being able to reset their account.

**END**

**FIRST LOOK OF REGISTRATION PAGE**



**FIRST LOOK AT RESET PASSWORD PAGE**

