Logo, company name

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Project 2- Group Report

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# **INTRODUCTION**

For our Project 2 Group report Each Group member was asked to Explain how each one of pages worked that we have created and designed. It is Split Into 2 Parts the **System documentation** and the **User Documentation**

# **System Documentation:**

# Warren Jaftha - 219005303:

**Registration Page**

The task that I was given was to complete was the Registration Page. This page will be used to add new users details to our Database when they want to first use our app. When you Open the application, this is the first page that will greet you when using the app. The link that says “already have an account” when clicked will take you to the login page. So, when the text fields are filled in and when the button is pressed the user’s info will be saved into the database that I have created. Then after the info is sent the user will be taken to the login.

Graphical user interface, text, application

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*Figure i – Registration Page*

***Graphical user interface, text, application, email

Description automatically generatedfigure i****. Showcases the registration page, the text fields are displayed for users to insert that data and the button is to send user info into the database. The link takes you to the login page.*

*Figure ii- database shown*

***Figure ii*** *shows how the data will be displayed when users’ info will successfully be inputted into the database.*

The page also has many extra functionalities such as the ability to detect when a false email has been given and when the user hasn’t given the correct password.

**Forgot Password Page**

When arriving at the forgot password page you will notice the text field that requires an email address to be inserted when the user inserts their email address then the software which I have coded will capture the email and send a email to the user requesting them to change their password once they do then the password will be altered on the database. There is a link that says “Do you want to return to login page” these functions as a back button to return to the login page

Graphical user interface, text, application

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Graphical user interface, text, application, email

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*Figure iii- reset password email.*

So when users request to change their password they will receive a email that looks identical to the one shown is ***figure iii***.

# Marvin Hope - 219445842:

**Main Page**

From the beginning of the year, I was tasked in doing the main page of our group application. Our group application was based around informing the user of when loadshedding will occur and how it will affect the ADP students’ class timetable.

The system documentation of the main page is that the main page must have a schedule for the user to use and arrange their schedule to the loadshedding time. Once the user opens the main page, it will display the ADP schedule with the times of the classes. Once the user is on the main page, there will be a button at the bottom of the page. This button will give the user the opportunity to go to the loadshedding dashboard website. Then this mean that the user will be informed from Eskom on when loadshedding will occur.

Graphical user interface

Description automatically generated with medium confidence

Figure i - Main page

Figure i showcases the main page. On the main page it contains a menu button that takes the user to the over 3 pages in the main page, it has a back button to take the user to the previous page.

Graphical user interface, text, website

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Figure ii - Eskom website

Figure ii showcases the Eskom loadshedding dashboard. Once the user clicks on the button at the bottom of the page, it will redirect the user to the Eskom dashboard. The dashboard will allow the user to add their current location in, once the user do that, the dashboard will give the times and the stage of loadshedding for that specific area.

# Ameer Ismail - 218216033:

**Login Page**

I have been assigned to design and complete functionality of the front/Log in screen and as such will be the face of the application upon running it.

The Log in screen is simple for the user to understand each concept on it. On the screen, the user has an option to register to be in our record databases of the system. Once the user clicks on the sign-up link it will direct the user to the registration screen and after filling in the correct credentials will it accept and add the user to our application’s database.

# Edvalter Jamba – 220446571

**ABOUT US PAGE**

About us page is the page that the visitor or user will be looking for in case they want to know more about who we are or about the app or what we do. About Us Page is not the kind of page where User will need to introduce data, therefore the “About Us” page is used only to display information such Team member’s names or other kind of information, and a brief explanation of the function of the application.

Once The user clicks on the menu to go to the about us page, the user will be able to take some steps to consider in case he/she is lost in the system.

For the about us page, was used colours or interface that somehow would not affect the interaction with the user. And as it is a mobile application, and this page requires information, the user will be able to find out some information when he/she swipe the display to left/right, this swipe functionality makes the page more interesting to the user and easy to interact.

Diagram

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# Brent Hendricks – 219329176

**Contact Page**

The system documentation report is basically on what our system does.

Our system is a load shedding app which helps students in particular to know when load shedding will hit in South Africa, and therefore be more prepared in the future when it does. Load shedding interferes with students having class, tests or needs to work using a laptop.

Our system will basically let all students know before hand when load shedding will hit and basically before it hit there will more than 24 hours of preparation for whatever needs to be done for university. Students therefore also cannot use the excuse of load shedding when certain things aren’t complete.

I had to do the contact page on the final draft of our wonderful system. The contact page will basically help the users to get into contact with us.

# **User Documentation**

# Warren Jaftha - 219005303:

**Registration Page**

Graphical user interface, text, application

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When the User opens the app, I repeat that the first page that they will see is the registration page.

The user must enter the appropriate details that the text fields when the user inputs their details and presses the confirm button that’s when their info is sent to the Online cloud database after that process is complete then the user will be sent to the login page.

But however, if the user already has an account, then they can click on the link that says “Already have an account” this link will take the user to the login page where they can insert their details.

The app will display an error message when the user displays a fake email, or their 2 passwords is incorrect.

**Forgot Password Page**

When the user arrives at the forgot password page they will be ask to insert their email address , after doing so and hitting send button the user will receive a email similar to figure iii after the user has followed the link and changed their password then it will be changed in the database to which the user has to return back to the login page insert the new password which they have chosen then they would be allowed to enter the menu page.

# Marvin Hope - 219445842:

**Main Page**

We as group wanted to keep the application as simple as possible, because we as students believe that certain things must be done in quick sensation. Hence why I made the main page as simple as possible.

Once the user is on the main page, the user will see the ADP schedule. This main page is built for ADP students and their weekly schedule. Once the user is in the main page, the user can click on the button at the bottom of the page. The button will redirect the user to the Eskom loadshedding dashboard. On this dashboard, it will display what stage loadshedding it is in, and the user can enter their location and get the times of loadshedding in that specific area. The user will also have the option to go to the other pages 3 pages and there is a back button for the user.

A picture containing website

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Figure iii showcases the main page, once the user opens the main page, this schedule will show up. On the main page the user will many options. The options include a menu and a back button. The main purpose of the main page is to inform the user when loadshedding will happen and on what stage it will be on.

# Ameer Ismail - 218216033:

**Login Page**

Thereafter, before logging in, if for some case the user forgets “their” password, there is a link on the front screen “forgot Password” and once pressed, will it direct the user to the screen to reset the password via the provided authentic email address.

Once everything is sorted and the user has their username and password formulated, the user will then be able to log in to the application as a valid user and will receive all sort of data on it.

# Edvalter Jamba – 220446571

**ABOUT US PAGE**

**What could be implemented on the about us page for the users?**

The version showing in the picture bellow was already done but because it did not match well with the design and of the functionality of the page for the system, it might be available in other opportunity

The next version of the about us page besides shows the members information’s and a brief description of the Application the user will also be able to see some other steps such as:

Once the user click to go to the about Us page he will be able to see some options , if the user click on next he will find a slide form of the steps of what to do in case the user forget his password, and as well will be able to see information of how to register in the system and others.

In case the user selects information or info, the user will be able to see a brief explanation of what the system does and as well to see the team member and a brief description about each of them.

A screenshot of a computer

Description automatically generated with low confidenceA picture containing shape

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When the user click on info he will be able to see info such as: steps for the registration in the system and what and how to act when he forget his/hers password and when he click on the button Us he will be able to see information and a brief explanation about the system and the team members.

# Brent Hendricks – 219329176

**Contact Page**

How the user interacts with the system and uses it. This system will allow the user to be able to see when the next load shedding is about to happen which is the main problem for students. It will also do like some short of pop up message 24h before the time to alert students.

Registration page part: allows the user to sign up with our system should he/she not has an account with us.

Login page: this part allows the user to login to our system.

Function page: this would be considered to be the main function of this system, where the app will inform the user of different load shedding times for the week, as well as give a pop up message alert 24hours before time, and 3 hours before time thus letting students be able to prepare for it.

About page: this allows giving the users information about our system and members involved in it.

Contact page: this is the part I done. And this section allows us to give contact details to the users in order for the users to get hold of us or interact with us incase anything is wrong. We have our contact numbers, Facebook page, email address, Instagram page. Users contacts us when certain things or errors are dealt with.

However all these pages add up to the final system, where this system helps students where load shedding is concern.

# **Conclusion**

This has been a challenging year for the academic calendar, but we as a project 2 group have gained valued experiences and a new level of skill. In the meaning of this, is that we have learned from our mistakes and improved from it.

We as a group have achieved the completion of our first application. The application has full functionality and has a database. These mechanisms are already a milestone for us as young IT students.

With that, we conclude the end of the project and project 2 for 2021.

# **GitHub Link:**

<https://github.com/Wareezy/Project-2-Group-19/tree/main>