



# THE SPARE MOMENT

— TIME MANAGEMENT  
SYSTEM

## **The Spare Moment Manual**

*This is the Official Manual for the Website*

Thomas Rossouw

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## 19331715

### **Background**

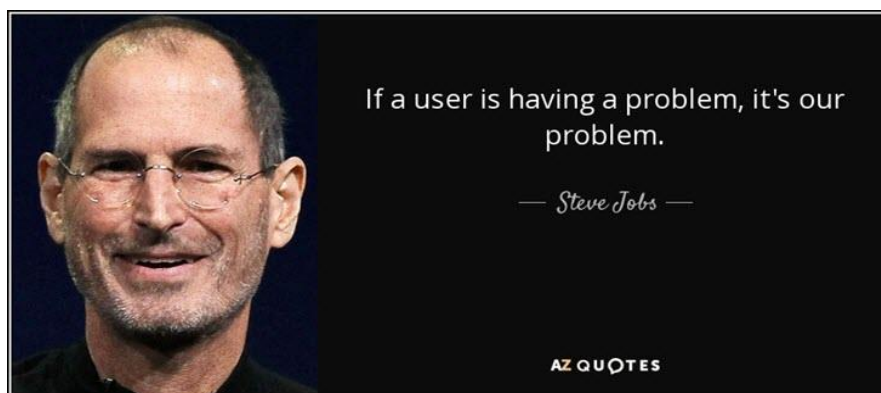
The Spare Moment was created with the intention of helping its Users, with their time management and to help them realize that they aren't putting enough time into their modules. The Spare moment prompts its Users to enter in their module's names and codes, the number of credits, the hours per week, number of weeks spent on the module, the module start date. As per the calculation, self-study hours are worked out depending on the imputed credits, weeks and class hours. The utmost effort was put into every window to ensure that the design is User-friendly. It was important that we were able to carry over the User's data throughout the program as to allow them to view only their data.

Although the new User is going to need to navigate through various windows, it is all dependent on them, and their needs. Every decision will result in a different window being displayed, giving the User the power to see their data.

Although this program is still in development, forever improving for the benefits of its Users. It is currently equipped to provide its Users with the most accurate outputs. It should be noted that the textboxes do not allow for any letters when typing.

We are excited for our Users to use The spare Moment and hope that they have a great time and get everything they need out of The Spare Moment.

*Thomas Rossouw*



<https://instrktiv.com/media/user-manual-template/user-experience.jpg>

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## **Pages**

Background Image Used with Source

Page 3

Main Window

Page 4

Register Window

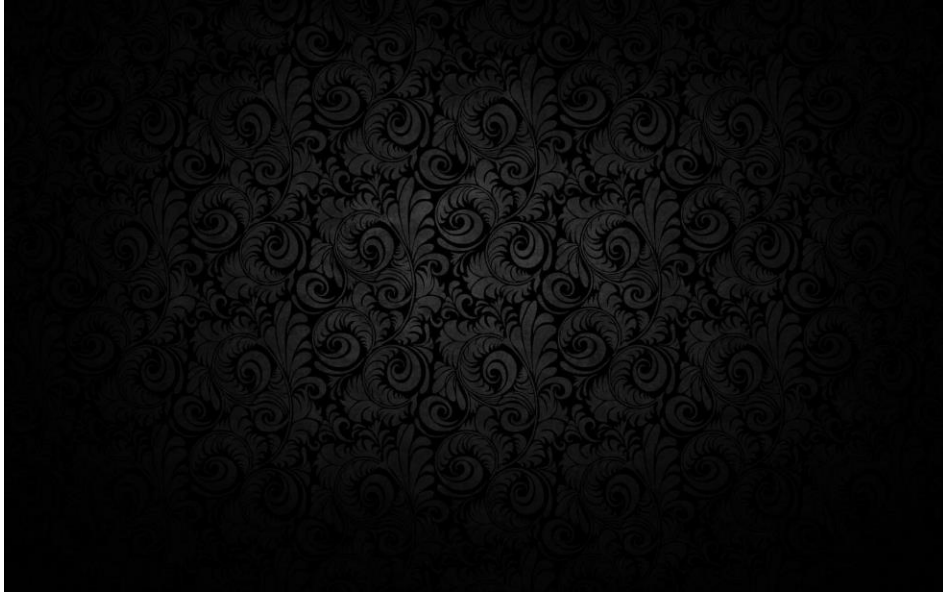
Page 7

Conclusion

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## **Background Image Used with Source**



<https://wallpapercave.com/wp/wp2632423.jpg>

This background was used to help the User feel as though our program was tailored to their needs and wants. No one wants to use a program that is boring to do see their time management status and with this in mind the decision for a background was implemented.

## Main Window

**The Spare Moment**

Username:

Password:

Module Code:

Module Name:

Number of Credits:

Class Hours Per Week:

Number of Weeks in the Semester:

Week's Hours Spent on Module:

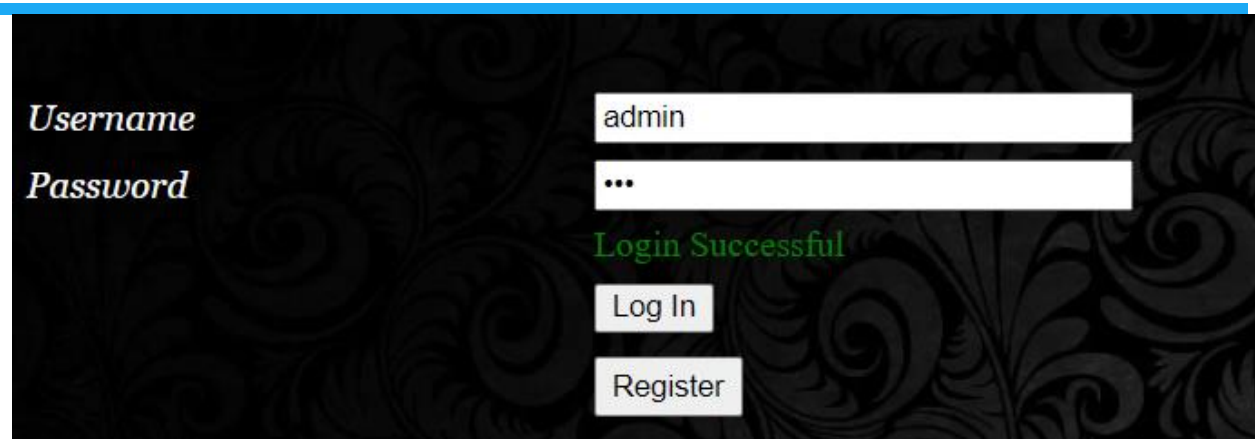
Module Start Date:

November 2021						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
31	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	1	2	3	4
5	6	7	8	9	10	11

All the labels prompt the User to enter in the appropriate details. If the fields aren't all filled in then a message will popup asking the User to ensure that all the fields are entered. The Login is on the same page as the program as to keep it to the same layout as Task 2. Having a "Login" and "Register" button helps to allow the current Users to Login and for new Users to create an account. All the accounts are registered in the database, but it is important to note that all passwords are hashed within the Database.

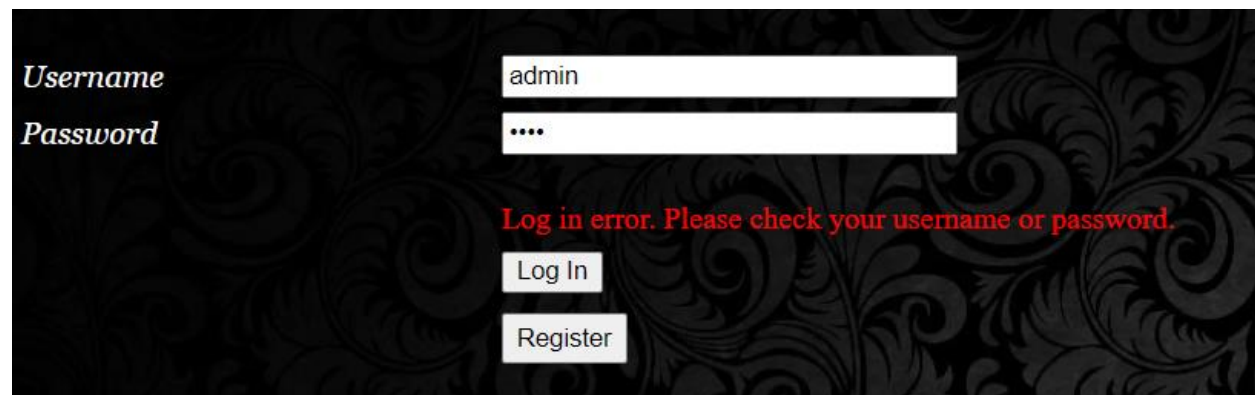
Once the User has filled in all the fields and selected a date, they are required to press the "Save" button.

By pressing the "Clear" button you are telling the program to erase all the fields.



A screenshot of a web application's login page with a dark, patterned background. On the left, the labels "Username" and "Password" are displayed in a white, italicized serif font. To the right, there are two white input fields. The first field contains the text "admin". The second field contains three dots "...". Below the input fields, the text "Login Successful" is displayed in a green, italicized serif font. At the bottom right, there are two white buttons with black text: "Log In" and "Register".

Above is a Successful login attempt. By logging in you are ensuring that your data is protected but so you can't view other User's data. It also ensures that you can see your own data.



A screenshot of the same web application's login page as above, but showing an unsuccessful login attempt. The "Username" and "Password" labels are on the left. The input fields contain "admin" and "...". Below the fields, the text "Log in error. Please check your username or password." is displayed in a red, italicized serif font. The "Log In" and "Register" buttons are at the bottom right.

Above is an Unsuccessful login attempt. The User will be asked to check their entered credentials. They will be required to make a new account as to allow for them to gain access or to contact us.

## Main Window Output



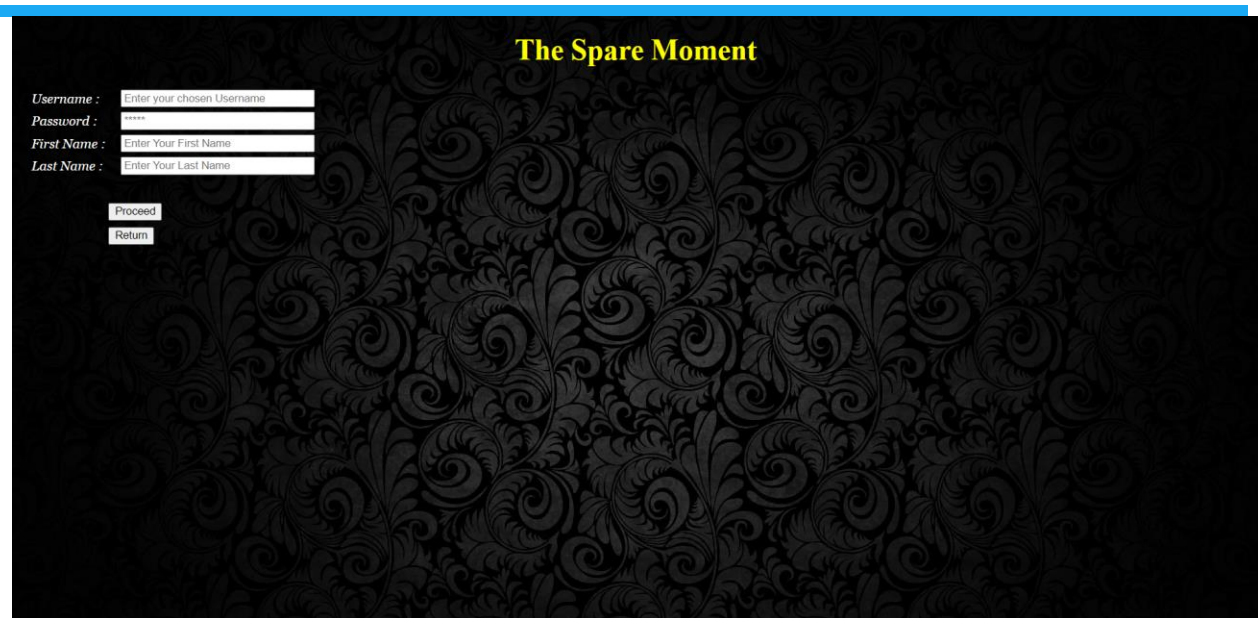
Having this popup when you log into your account, having all your previous entries available helps to see a trend. It is important to note that you can update details, delete an entry, or clear a field.

The graphs are a new addition to The Spare Moment as it will allow Users with a visual comparison of their modules and the hours, they spend on them versus the hours that they require for that module. This will improve the want to see the data. All the data that is out on the graphs are read from the database meaning that the User's entered details.

The DataGrid is connected to the database and is a way for Users to see their inputted data and have a few options. Pressing the "view" button on the right allows the User to Update data or Delete data that has been added. It is noted that Users are still required to fill out all the fields to allow for an action to be carried out.

## Registration Window





The Spare Moment

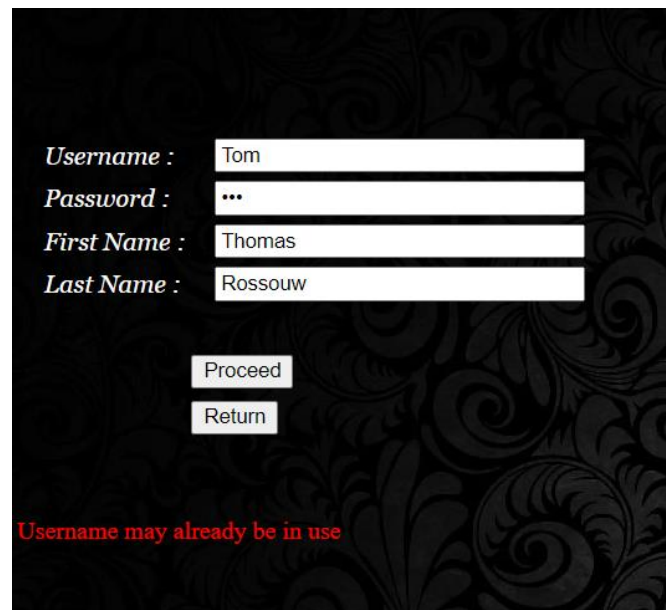
Username :

Password :

First Name :

Last Name :

As per Task 2, the User has been able to register their account. They are required to have a Unique Username or else a message will appear allowing them to be aware that the Username is in use.



Username :

Password :

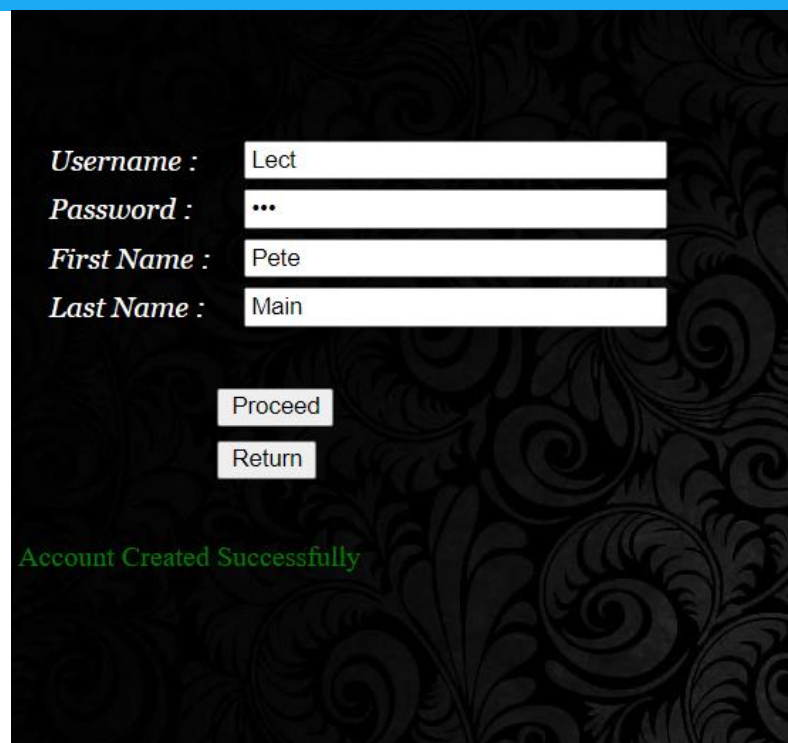
First Name :

Last Name :

Username may already be in use

Having this message appear allows the User to know of the situation and that they must change their Username to allow them to have an unique registered Username.





*Username :*

*Password :*

*First Name :*

*Last Name :*

Account Created Successfully

By having an unique Username, the account is successfully created allowing the User to be allowed access to the program and all of its functions.

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## **Conclusion**

Although The Spare Moment has come a long way, is it ever improving and trying to allow our User's the best possible experience. We are excited for what we have done and what we are yet to do with The Spare Moment. Having the User know that we have them covered for their program needs and security requirements. In line with the POPIA Act, we ensure that everything is up to standard and that our User's know what we do and how we do it.

Getting this far with The Spare Moment has been a treat, being able to play around and having the connections to the Database may have proved a bit more than anticipated but was worth the trouble to see the outputs come to life.

It is our mission to help you achieve efficiency in your daily life as a student, by having the tools to ensure that you are able to be the best student possible.