

PMAS User Manual

TechGenics

26 November 2020



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Installation Guide

Overview

The installation package consist of multiple executable files which will have to be executed sequentially. The below files and directories will be part of the installation package

Name	Date modified	Type
 With sql server 1	12/6/2020 18:03	File folder
 Without sql server 2	12/6/2020 18:03	File folder

1. This directory contains all executable files that will be needed to setup the host server. The host server is crucial to the project management system because it will be running the database system that will be storing all the project data that the users will be saving/accessing
2. This directory contains all executable files that will be needed to setup the client computer to connect to the host server for the user to save their project data modifications.

Host Server

To be begin with the installation on the host server, open the “With Sql Server” directory

Requirements

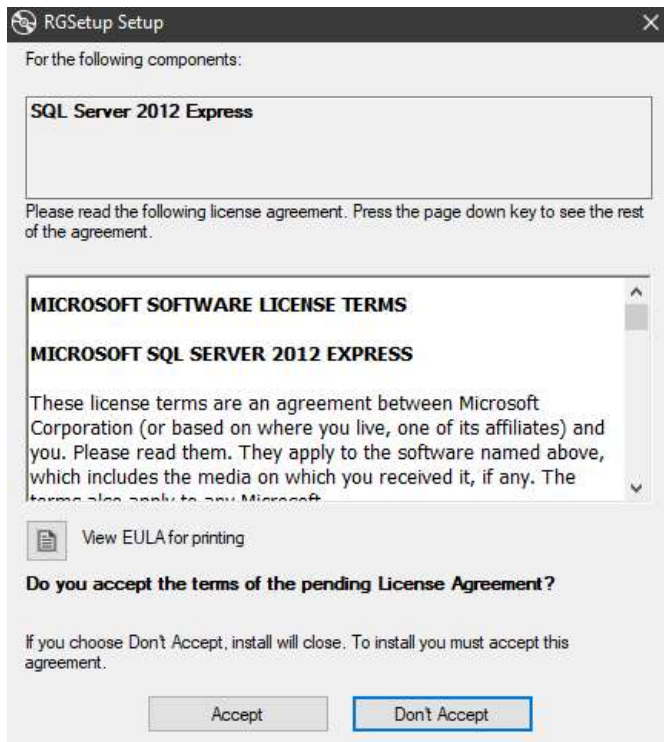
Specifications	Value
Operating System	Windows
Processor	X64 1.4GHz
Hard Disk	6Gb
Connectivity	Internet
Memory	512mb

Installation

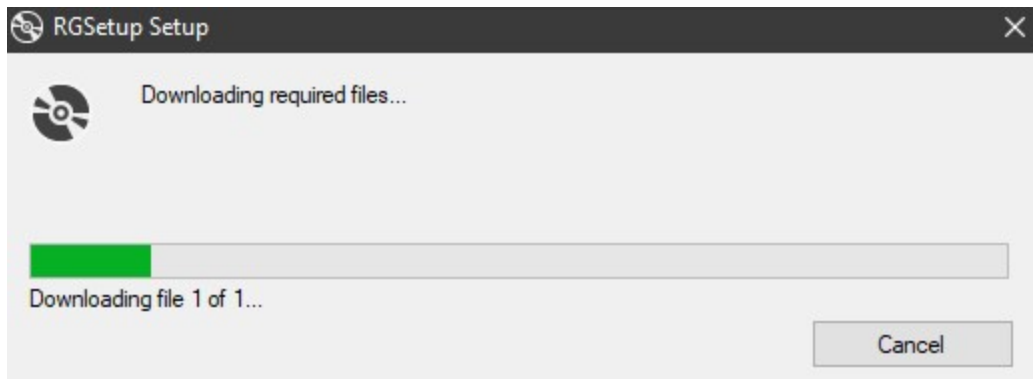
1. The below files will be displayed, first we need to install the system on the host server.
Run the “setup.exe” file.

Name	Date modified	Type	Size
CreateNewDB.bat	11/29/2020 21:57	Windows Batch File	1 KB
setup.exe	12/6/2020 17:45	Application	984 KB
TG.msi	12/6/2020 17:45	Windows Installer ...	11,676 KB
TGDBProj_CreateTBG.sql	11/29/2020 23:31	SQL Source File	26 KB

2. The below window will be displayed, click “Accept” after reading the terms and conditions



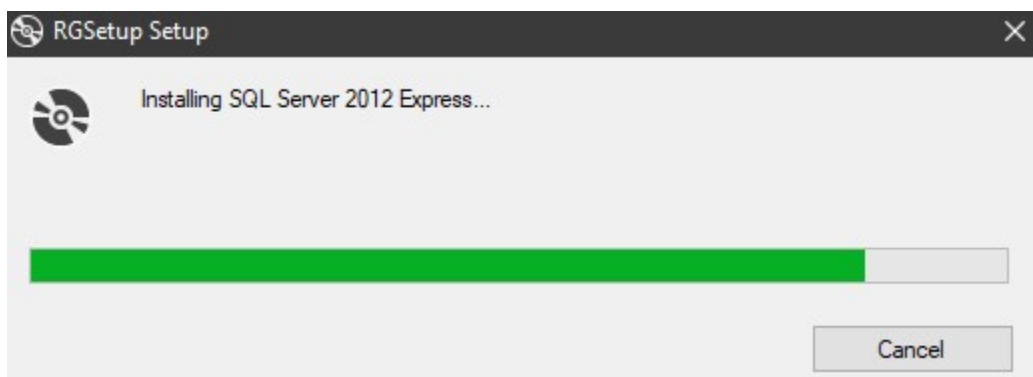
3. The below window will be displayed while the SQL server express is being downloaded



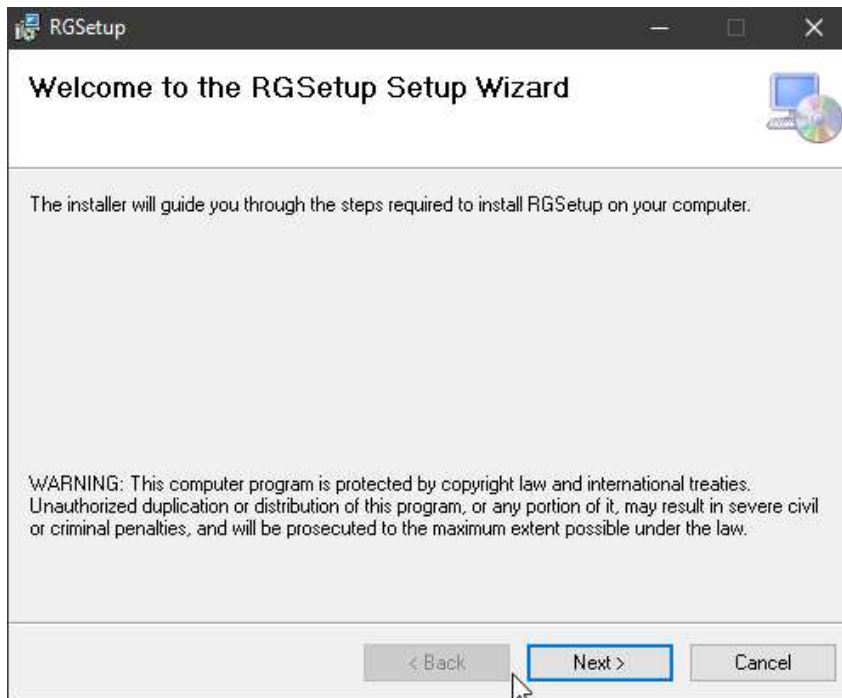
4. After the download is done, you will be prompted whether you would like to install SQL Server, select "Yes"



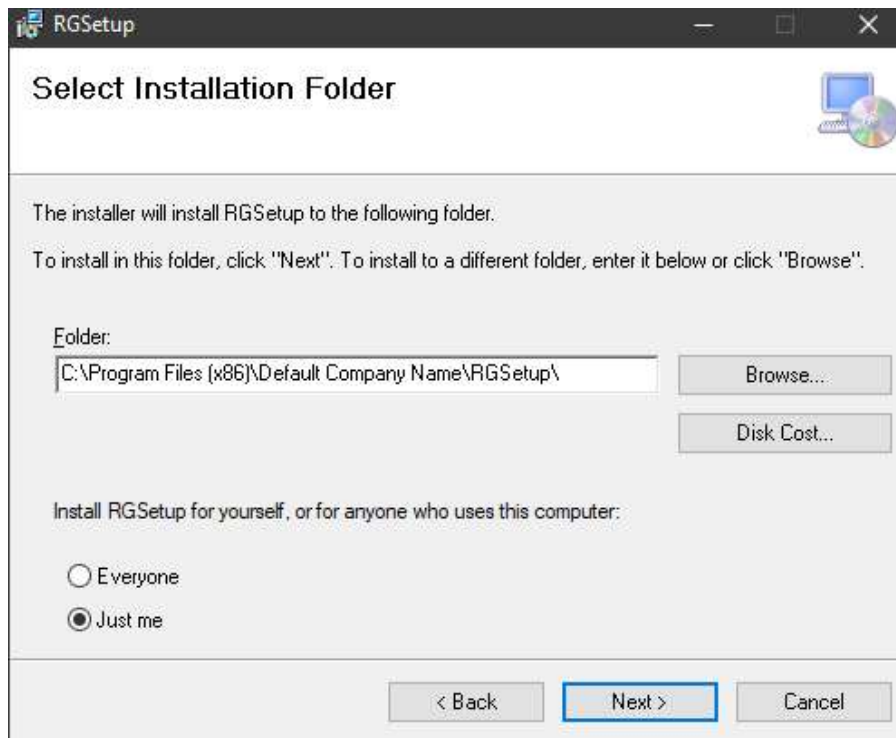
5. The below progress window will show that it is installing SQL Server on your machine



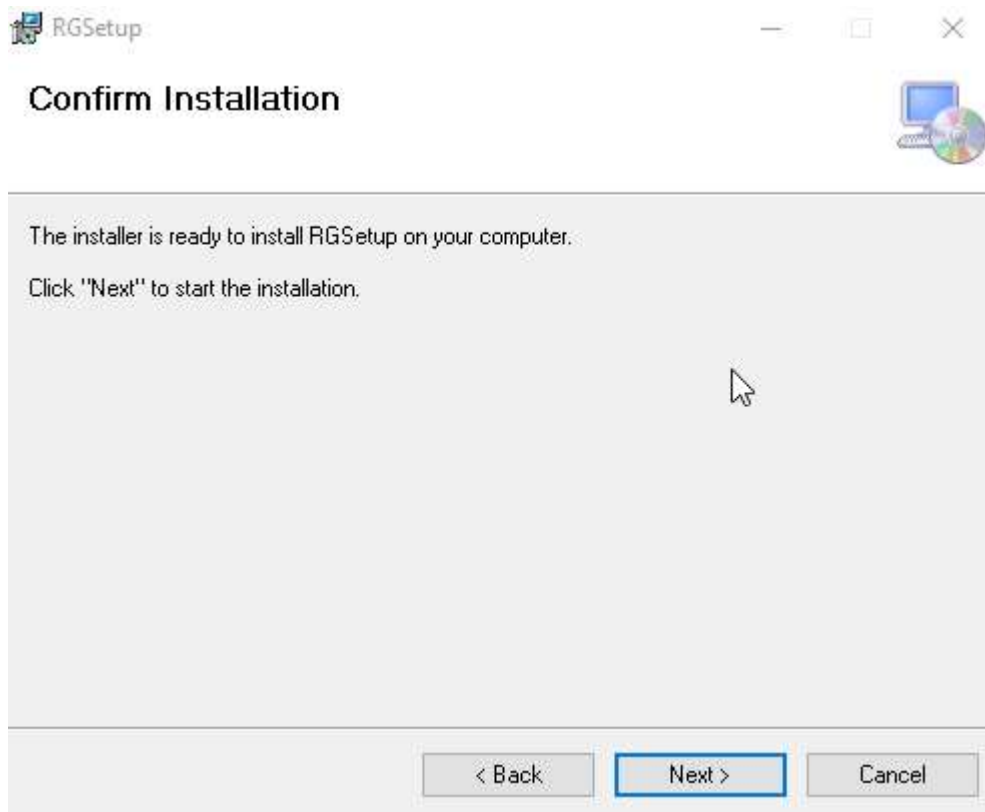
6. After the installation of the SQL Server has been completed, you will get a window that will enable you to install the project management program, click “Next” to proceed from the below window



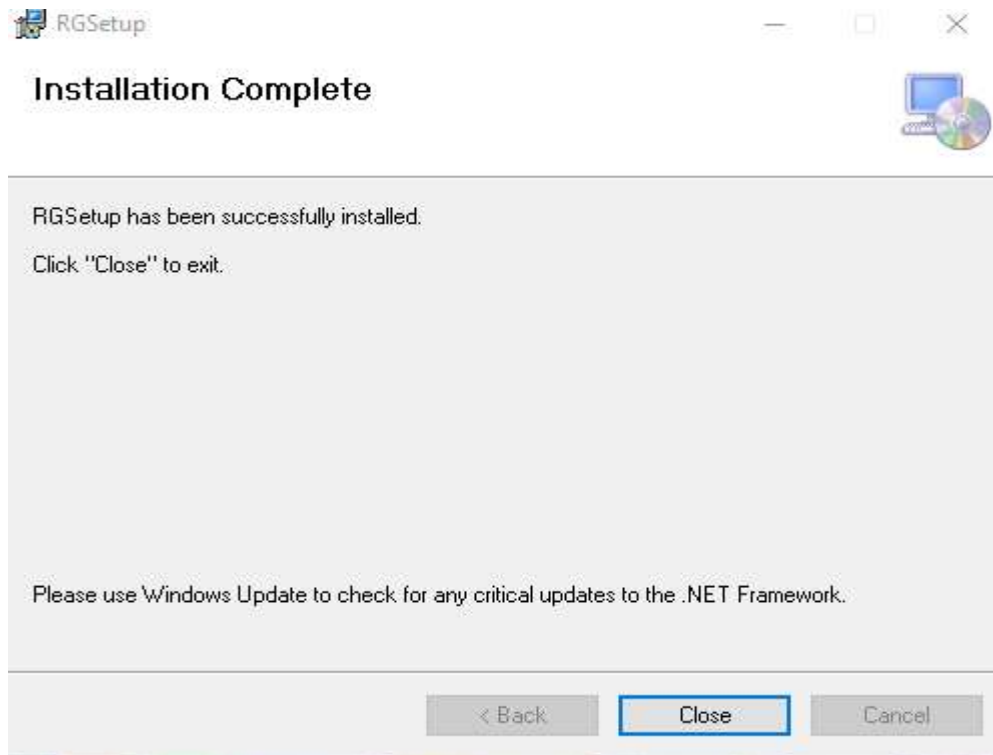
7. You will be asked to provide the directory location of where the project management should be saved under and whether the program should only be available for the current user or every user of the computer. When you done with your preferences click on “Next”



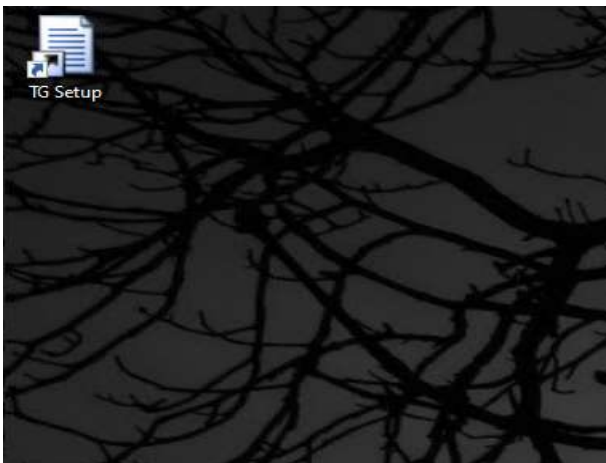
8. You will get the below window confirmation of the installation, click on “Next” to proceed with the installation



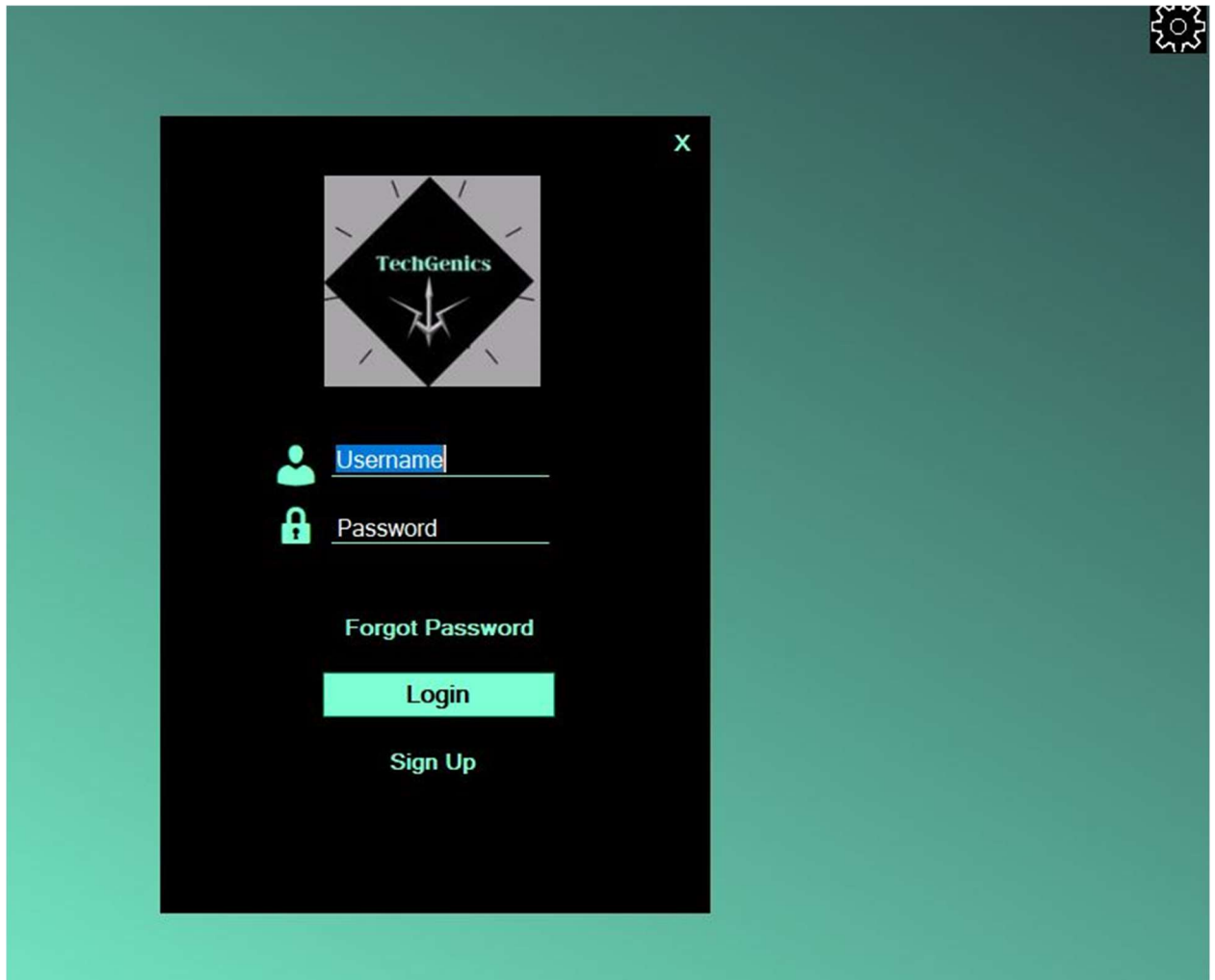
9. Once the installation has been completed, you will get the below window. Click on "Close".



10. After the installation has completed successfully, now run the "CreateNewDB.bat" under the project installation directory("With Sql Server"), this will execute the "TGDBProj_CreateTBG.sql" on the database to create a database schema called "TGDB"
11. After the database objects have been created navigate to the Desktop, run the "TG Setup" file shortcut to start the program



12. The below screen, will be loaded



13. Congratulations, you have install the project management system. Now you can start creating an account, projects and add members

Client Computer

To be begin with the installation on the host server, open the “Without Sql Server” directory



Requirements

Specifications	Value
Operating System	Windows
Processor	X64 1.4GHz
Hard Disk	6Gb
Connectivity	LAN

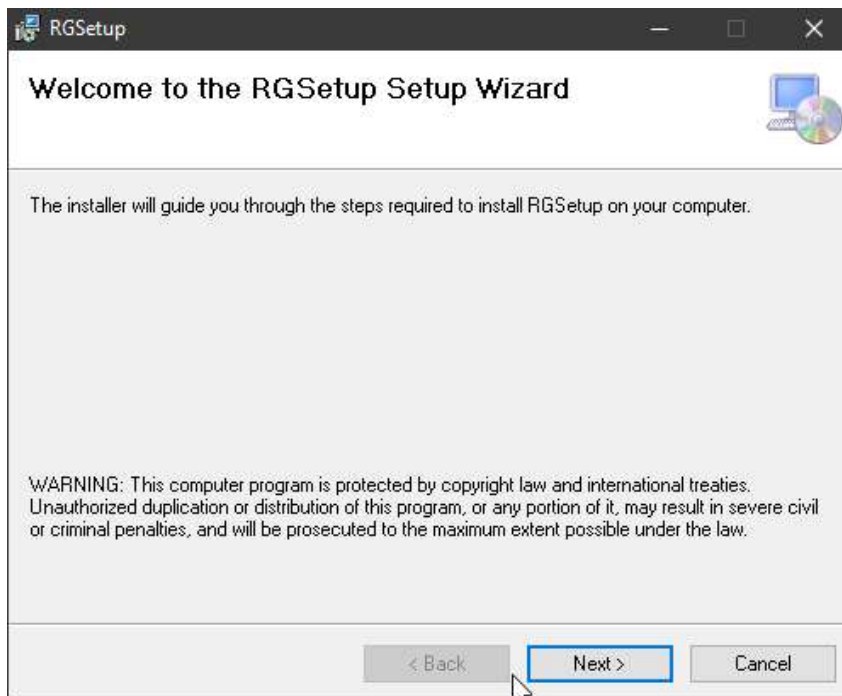
Memory	512mb
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Installation

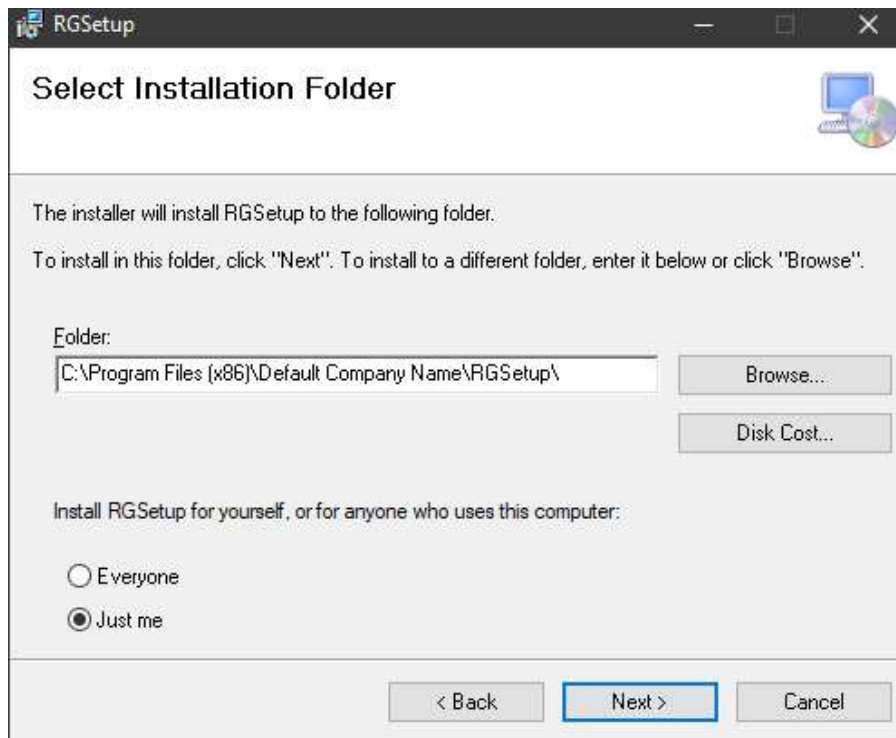
1. The below files will be displayed, first we need to install the system on the host server.
Run the “setup.exe” file.

Name	Date modified	Type	Size
 setup.exe	12/6/2020 17:47	Application	531 KB
 TG.msi	12/6/2020 17:47	Windows Installer ...	11,676 KB

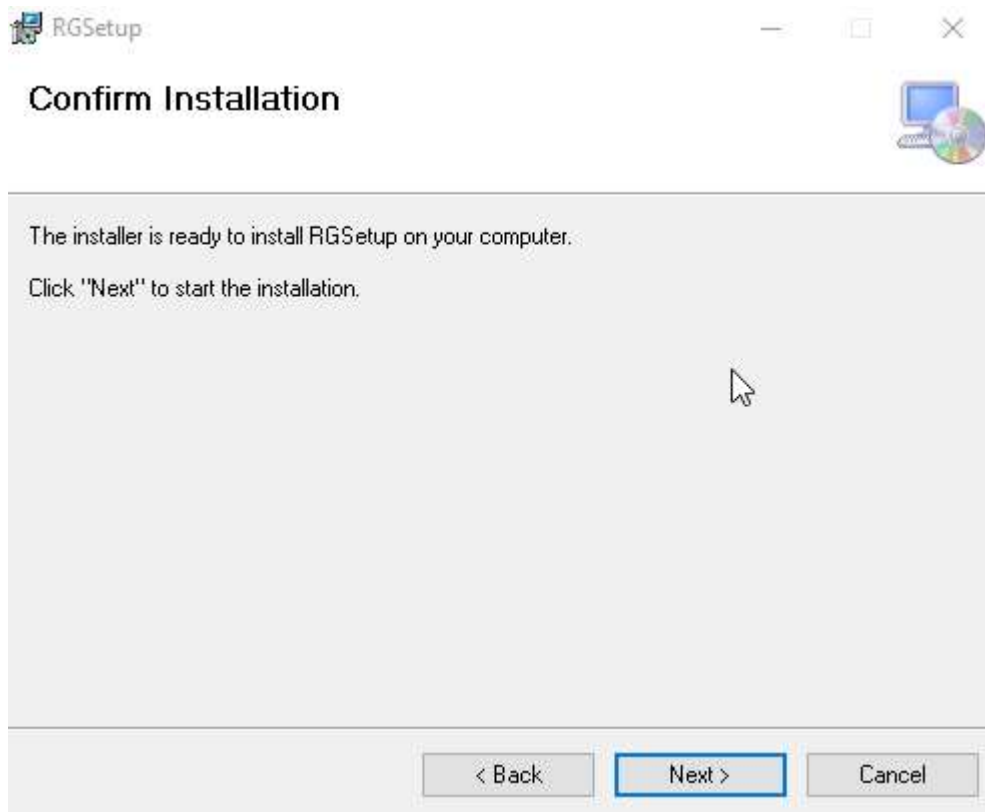
2. You will get a window that will enable you to install the project management program, click “Next” to proceed from the below window



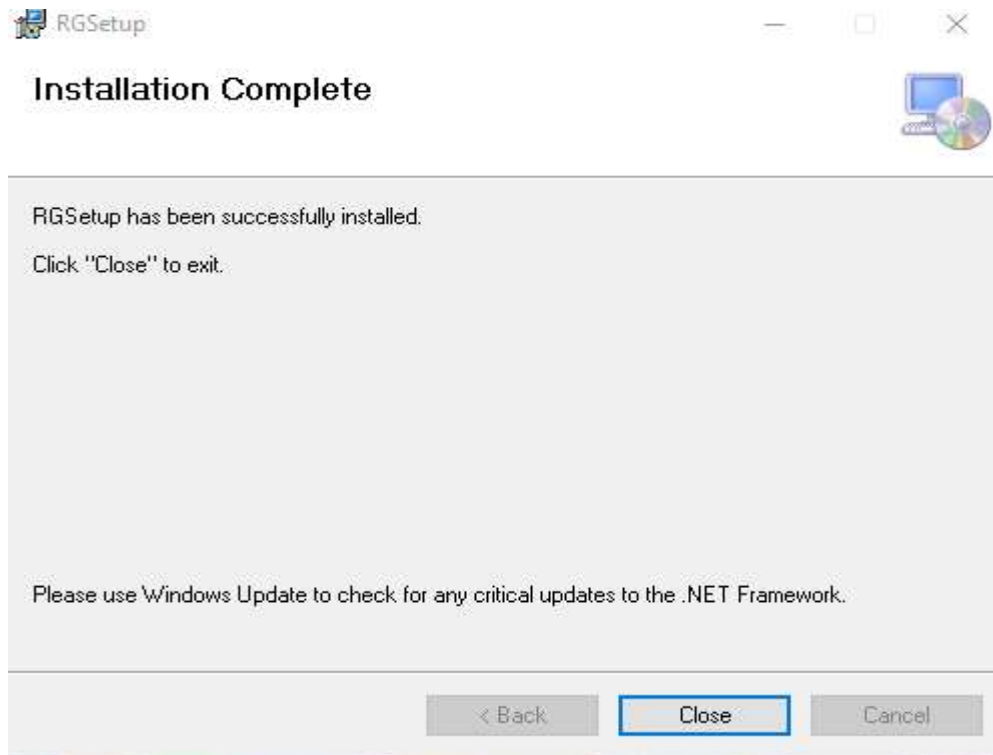
3. You will be asked to provide the directory location of where the project management should be saved under and whether the program should only be available for the current user or every user of the computer. When you done with your preferences click on “Next”



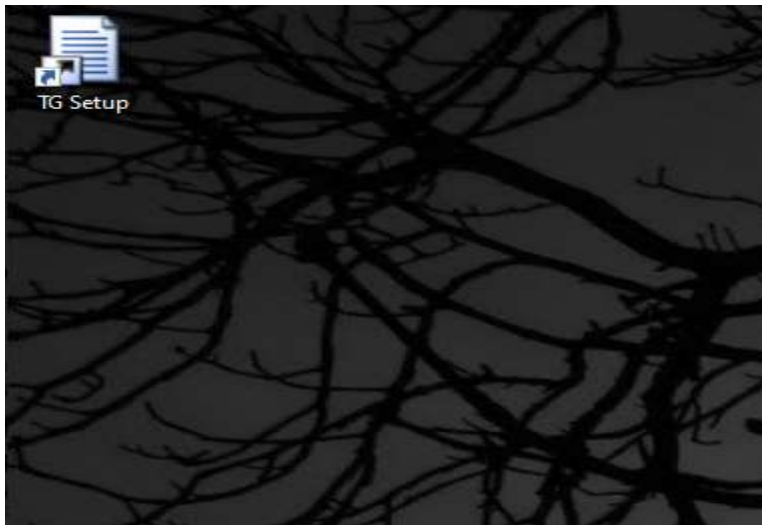
4. You will get the below window confirmation of the installation, click on “Next” to proceed with the installation



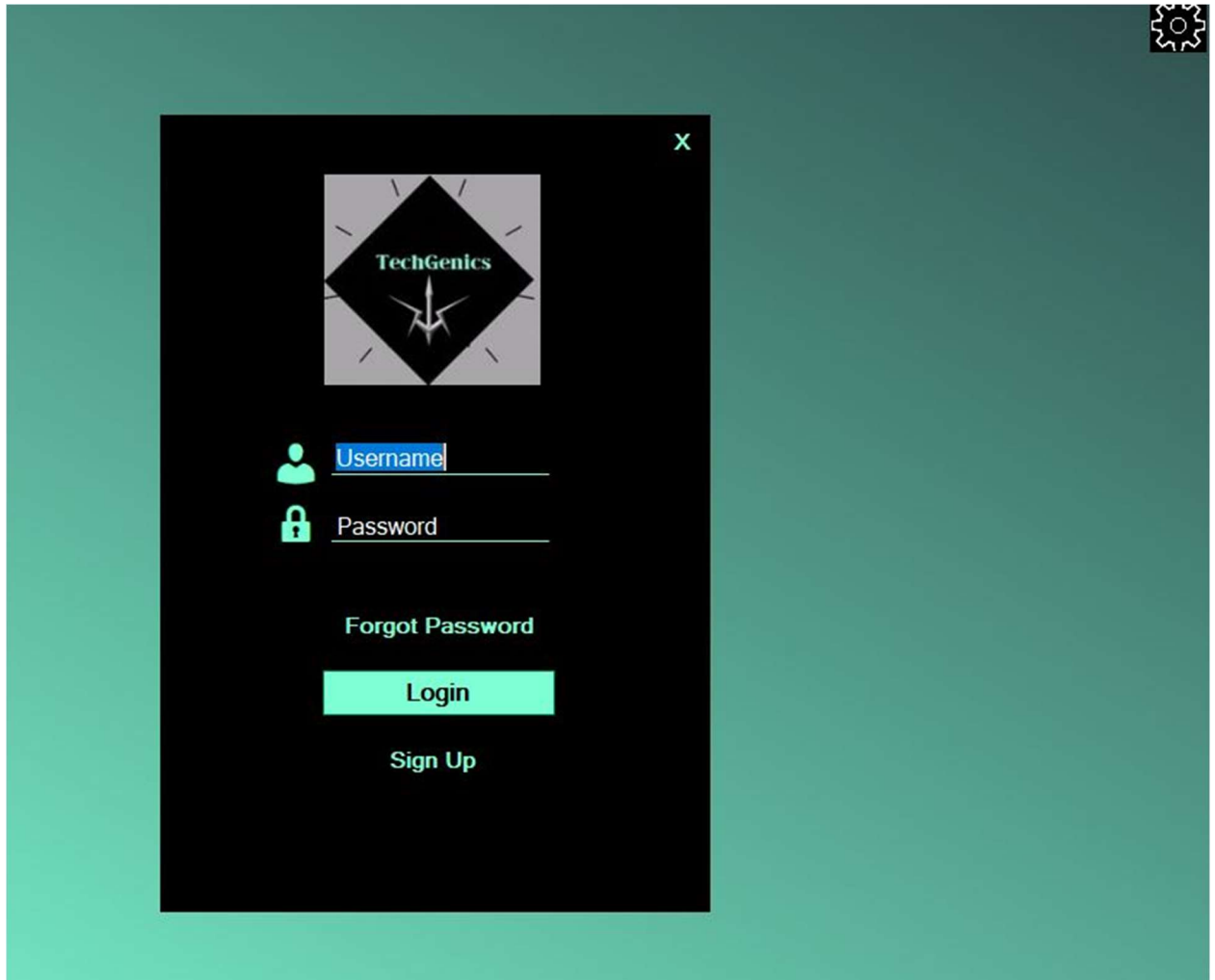
5. Once the installation has been completed, you will get the below window. Click on "Close" then navigate to your desktop



6. Run the "TG Setup" file shortcut to start the program



7. The below screen, will be loaded



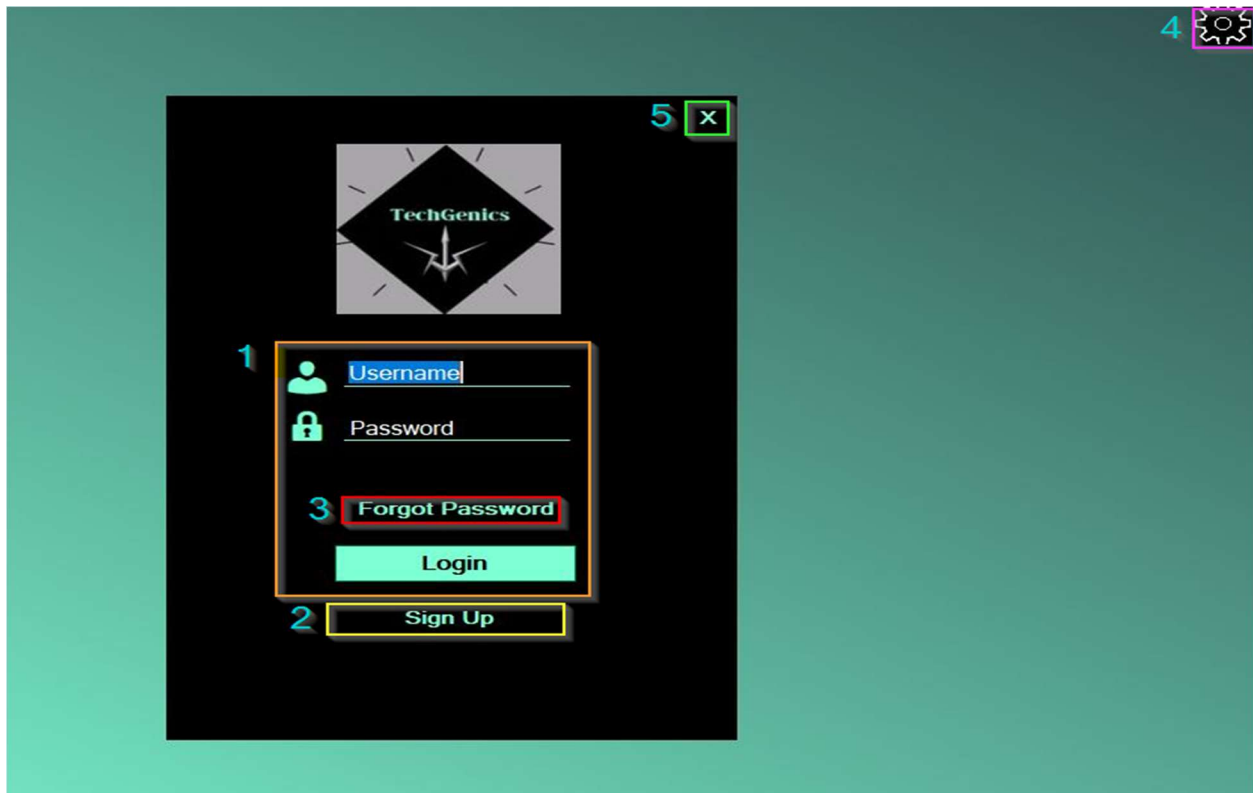
8. Congratulations, you have installed the project management system client. Now you can start creating an account and accessing the projects available to you

User Manual

This user manual is aimed at assisting the users to be able to use the project management tool.

Login Screen

The below screen will appear after the program has been run, we will be looking at the four controls that will help the user to login, signup, change color scheme and to also recover their passwords



1. User Login

A user who has successfully signed/registered up on the system will be required to provide his/her set username and password to be able to proceed.

Once the user has successfully logged in, the Main Screen will appear

2. User Registration

During user registration, the user is able to provide his/her details for account registration on the database.

The image shows a 'Sign Up' form on a dark background. At the top left is a logo with the word 'TechGenics' and a stylized arrow. The title 'Sign Up' is in large white text. Below the title are five input fields: 'First Name', 'Surname', 'Username', 'Email', 'Password', and 'Confirm Password'. A red 'X' icon is in the top right corner. A green '1' with a left-pointing arrow is at the top left. A red '2' with a close icon is at the top right. A green '3' is next to the 'Register' button. A red '4' is next to the 'Register as admin' checkbox.

1

2 X

TechGenics

Sign Up

First Name Surname

Username Email

Password

Confirm Password

Register 3

4 ☐ Register as admin

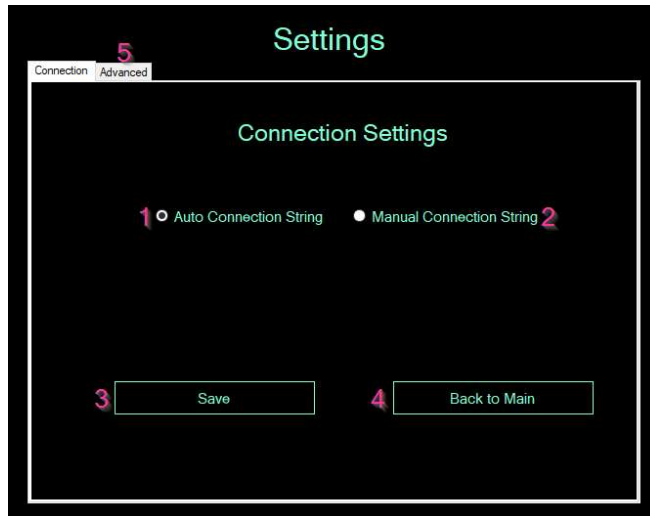
1. Once clicked, the user will go back to the previous screen
2. Once clicked, the program will be closed
3. Once clicked, the details provided will be submitted for account creation to the database
4. Tick if you would like to register user as admin with the provided details

3. User forgot password

A password recovery feature used to recover your forgotten password

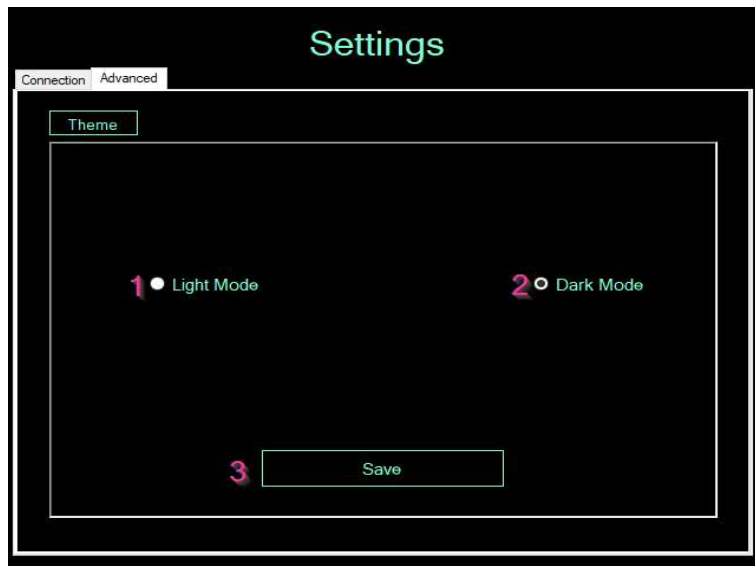
4. Settings

a.



1. Tick if you would prefer the system to automatically configure the connection to the database
2. If ticked, you will be required to provide a full connection string to the sql server database
3. Click save, to apply the set preferences.
4. Click to back to the Login Screen

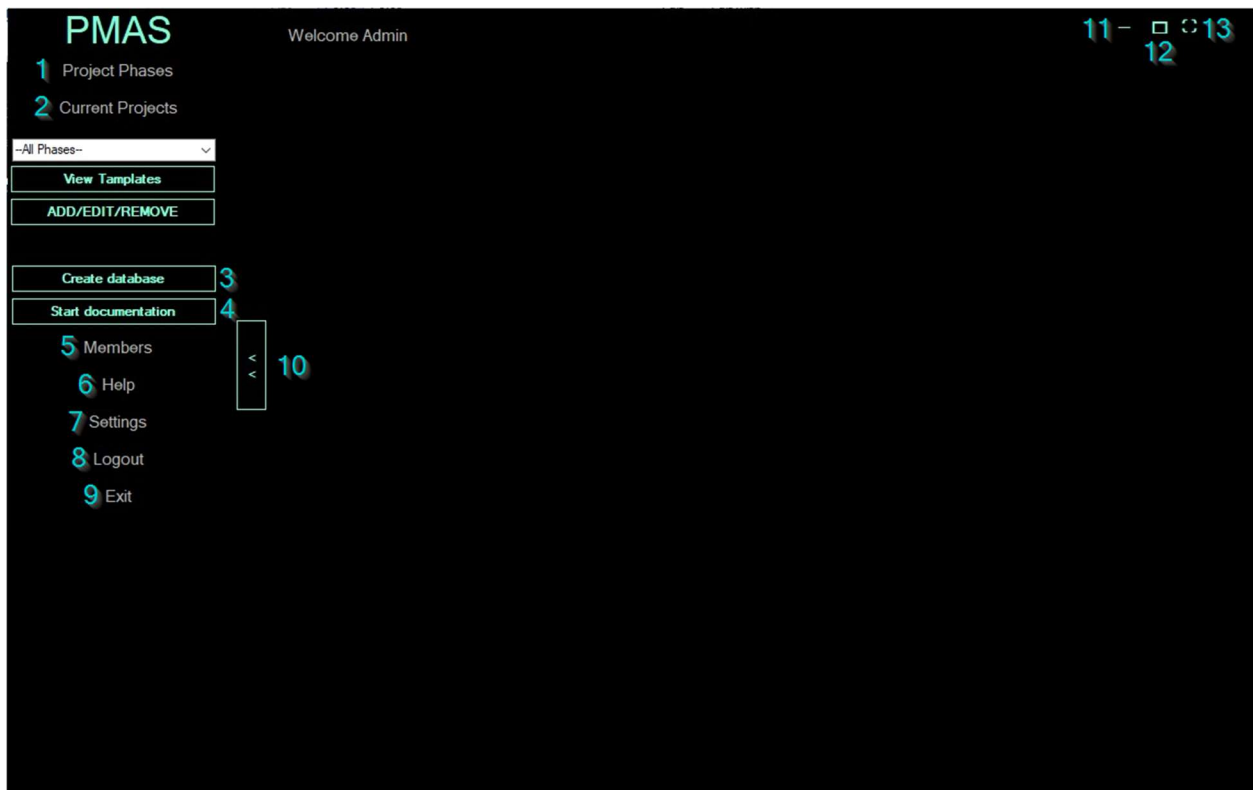
b.



1. If ticked, the color scheme of the system will switch from dark to light
2. If ticked, the color scheme of the system will switch from light to dark
3. Click save, to apply the set preferences

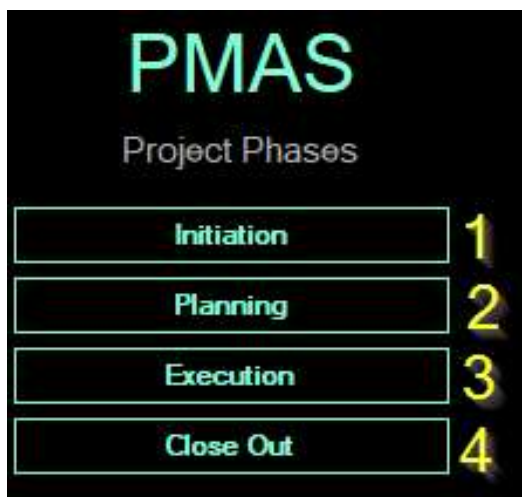
Main Screen

This is the main screen of the system.

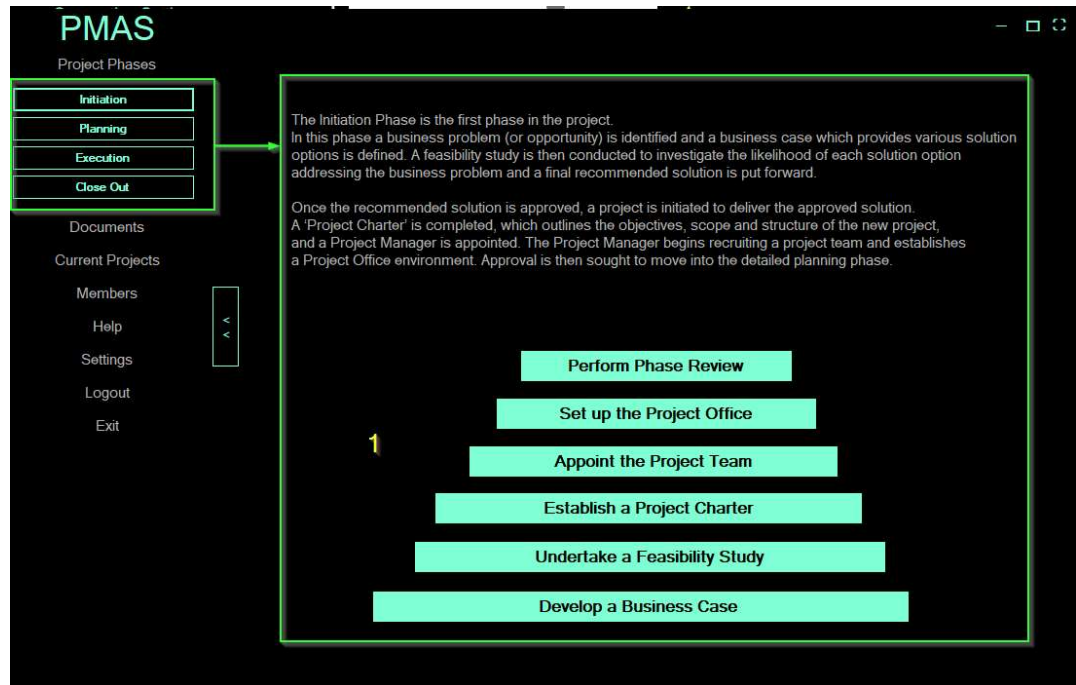


1. Project Phases

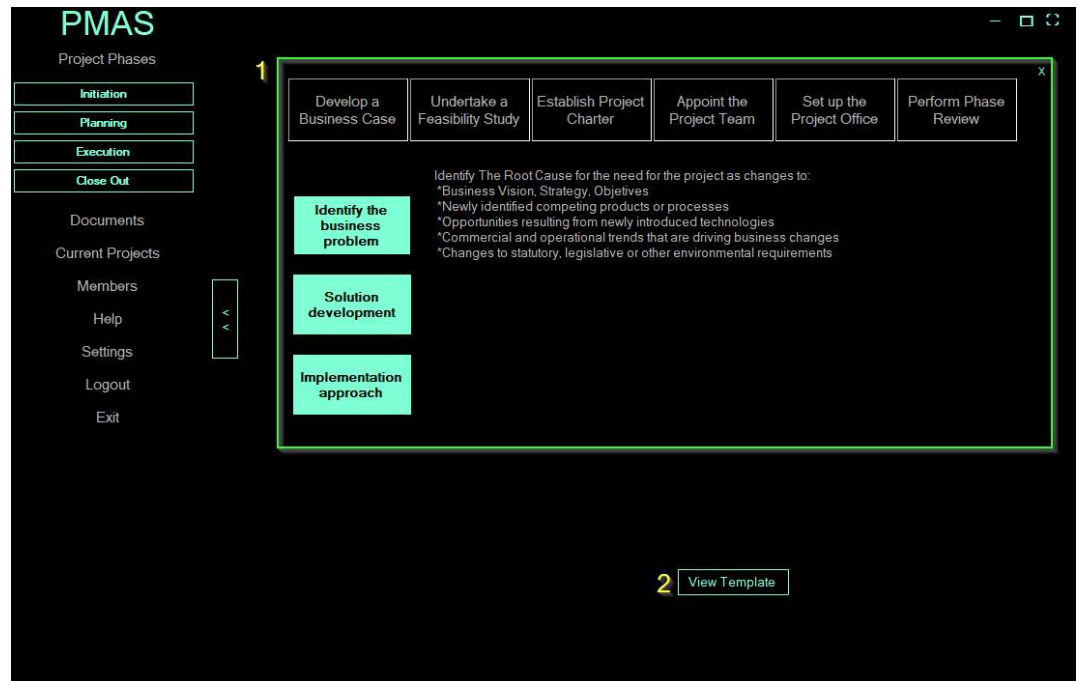
Once clicked, a dropdown of project phases will appear for you to select the project phase you wish to view its content



1. When option 1-4 is clicked, the relevant details of that project phase will be displayed on the display section, you will also be able to view the content/steps of each project phase.



1. When any step is being selected to be viewed, its key roles will be displayed. A template of the relevant step of the project phase will be available to be used when 2 is clicked.

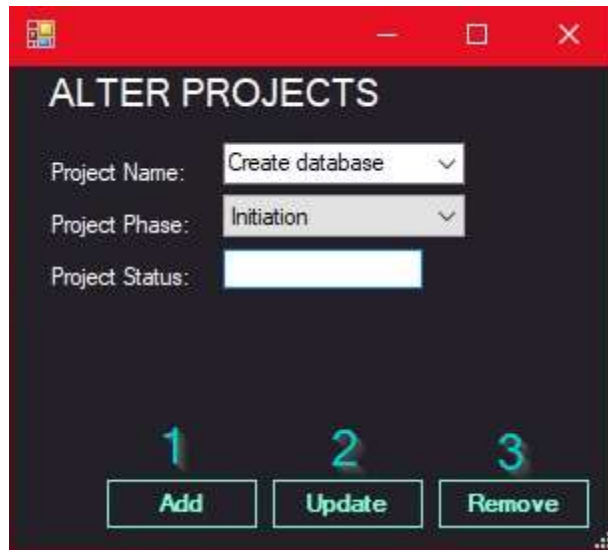


2. Current Projects

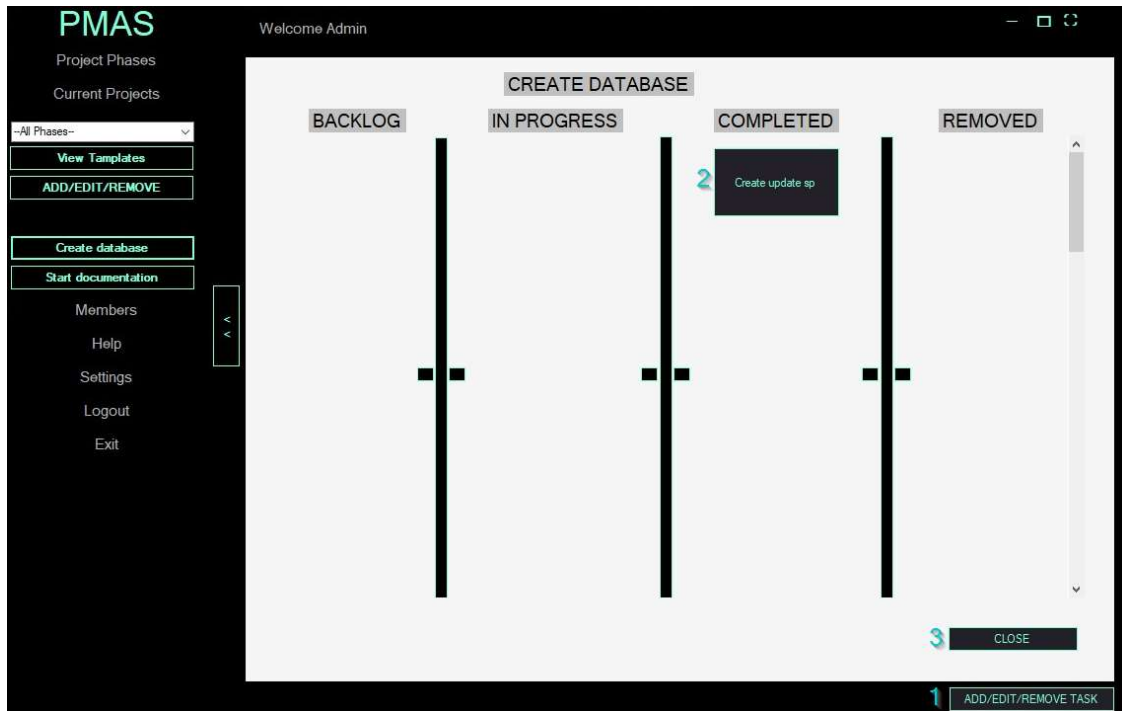
Once clicked, a drop down of existing projects will be display, together with an option to create a new project.



1. When clicked, a dropdown list of Project phases will be displayed to allow the user to select the project phase they want to work on.
2. When clicked, a window of options of adding, editing or removing will be displayed



1. When clicked, the set Project Name, Project Phase and Project Status will be created then saved to the database.
 2. When clicked, an existing project will be updated with the set details.
 3. When clicked, an existing project will be removed from the database and all users will not have any access to it
3. Create Database (Project Name)
- Once clicked, the project will be displayed depending on the select phase on [Current Projects](#), together with its created tasks. A drag and drop functionality is also provide to allow you to move a task from one state to another.



1. When clicked, a window will be displayed to allow you to create, edit or remove a task to an existing project.

1. When clicked, a new task will be added to the select project with all the specifications made by the user on the available options.
2. When clicked, an existing task will be updated with your specifications made.

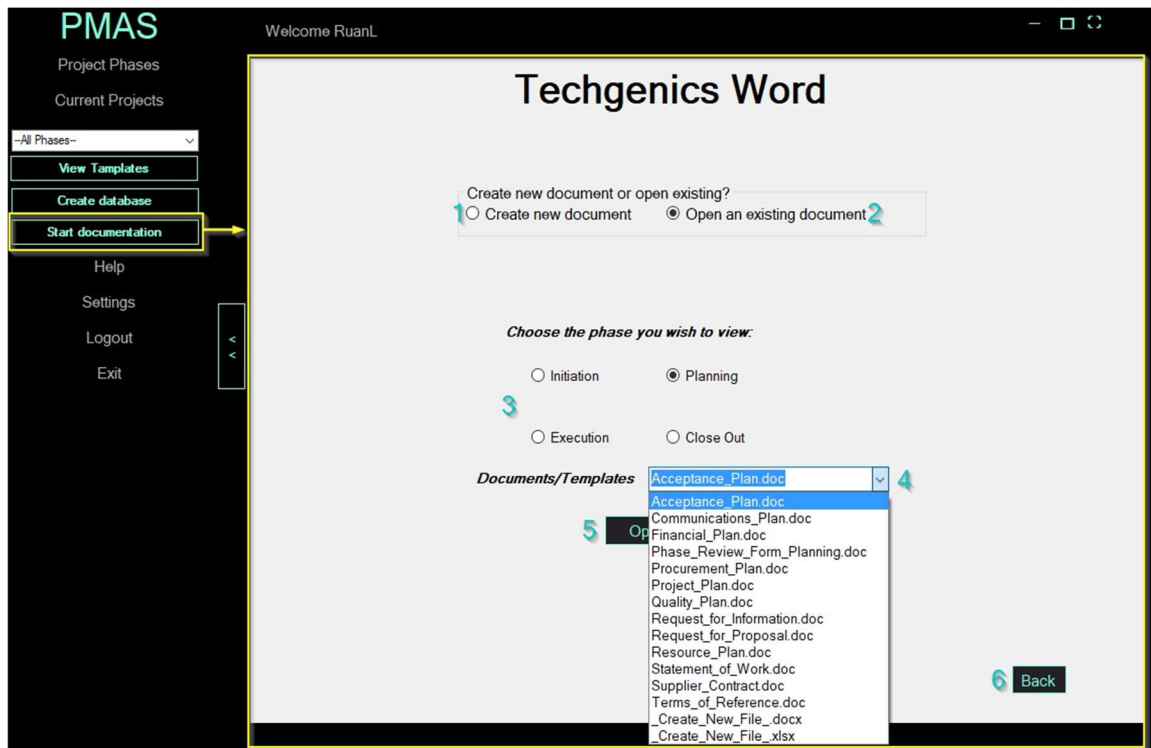
3. When clicked, an existing task will be deleted and removed from the project.
 2. When clicked, the functionality provided on 1 will be available for you to add, edit or remove the selected task
 3. When clicked, the currently opened project will be closed and all the work done will be saved to the database
4. Start Documentation
- Once clicked, a window will be displayed to allow you to select which option to choose for modifying a project template document.
- a. Create new document

The screenshot shows the PMAS application interface. On the left is a dark sidebar with the PMAS logo and navigation links: Project Phases, Current Projects, a dropdown menu, View Templates, Create database, Start documentation (highlighted with a yellow box and an arrow), Help, Settings, Logout, and Exit. The main window is titled 'Techgenics Word' and contains a form with the following elements:

- Header: 'Techgenics Word'
- Section 1: 'Create new document or open existing?' with two radio buttons: '1 Create new document' (selected) and '2 Open an existing document'.
- Section 2: 'Choose a file to be created:' with two radio buttons: '3 Word' (selected) and '4 Excel'.
- Section 3: 'Choose a phase to be associated with this file:' with a dropdown menu showing '5 Initiation'.
- Section 4: A '6 Create' button.
- Section 5: A '7 Back' button at the bottom right.

1. If selected, a new project file will be created.
2. If selected, an already existing project template will be used.
3. If selected, a word document will be created
4. If selected, an excel document will be created

5. When selected, a project phase should be chosen from the dropdown list of the phase this document will be assigned under.
 6. When clicked, assuming that all options were specified. The document will be created with all the specifications made. Once done, the document will be opened up.
 7. When clicked, this window will be closed.
- b. Open Existing Document



1. If selected, a new project file will be created.
2. If selected, an already existing project template will be used.
3. Options to select project phase of which template to use
4. Options of templates available to select under the selected project phase.
5. When clicked, the selected template will be opened
6. When clicked the current window will be closed.

5. Members

Once clicked, a drop down of existing members will be displayed, also an option to add a new member to a project will be displayed



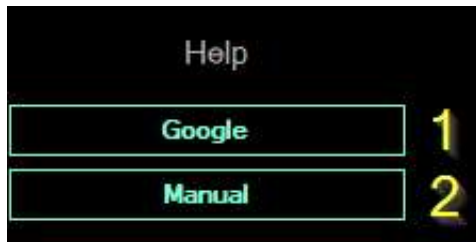
1. Once clicked, a window will be displayed with options and permissions that can be assigned and set for a user.

A screenshot of a window titled 'ALTER USERS'. The window has a red header bar with standard window controls. Below the title, there are several input fields: 'User Name:' with a dropdown menu showing 'RuanL', 'User Password:', 'First Name:', 'Last Name:', and 'Email:'. Below these are four checkboxes labeled 'Initiation:', 'Planning:', 'Execution:', and 'CloseOut:'. At the bottom of the window are three buttons: 'Add', 'Update', and 'Remove'. Red numbers 1, 2, and 3 are placed above the 'Add', 'Update', and 'Remove' buttons respectively.

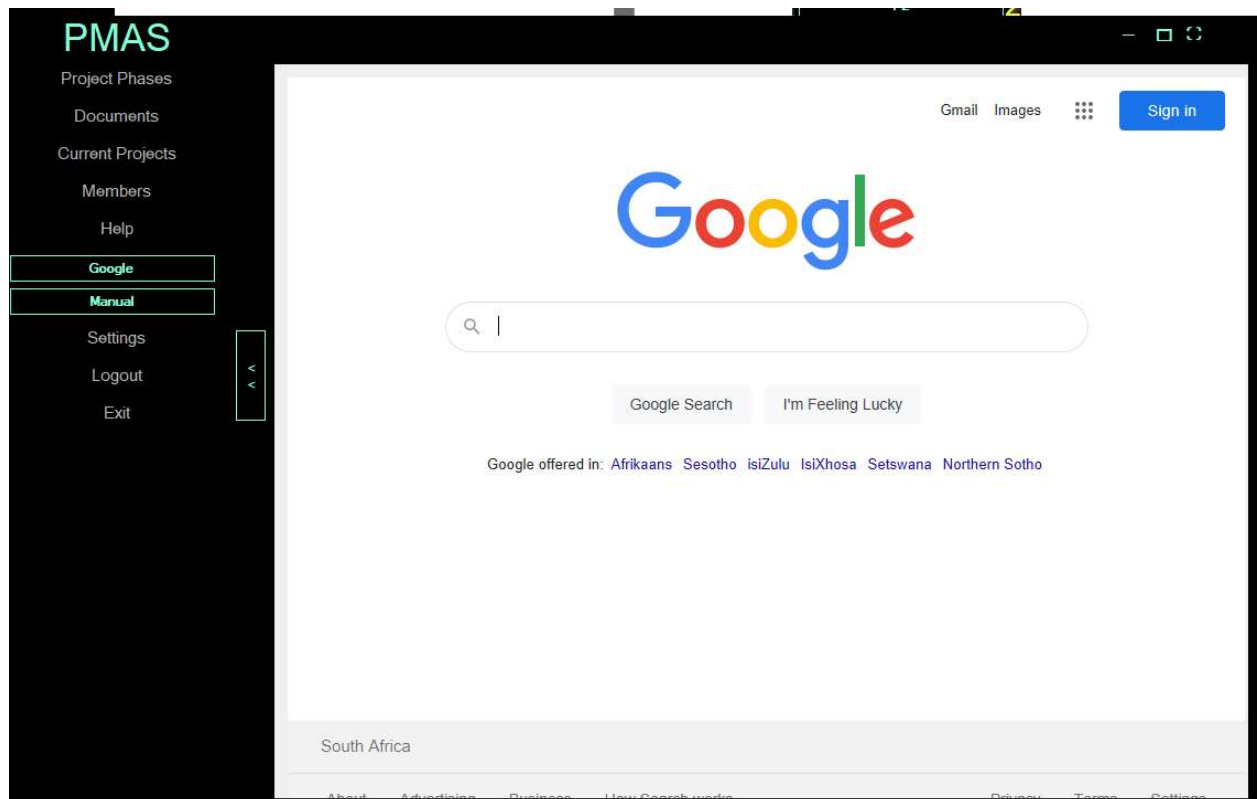
1. When clicked, a new user will be added to the currently selected project with permissions assigned to him/her.
2. When clicked, an existing user's details or permissions to a project will be updated.
3. When clicked, the permissions or user will be revoked or removed from the project

6. Help

Once clicked, a dropdown of options that can help or assist you will be displayed



1. When clicked, a window with the google will be displayed for quick browsing



2. When clicked, this document will be opened up.

7. Settings

When clicked, the Settings window will be displayed

8. Logout

When clicked, the Login Screen window will be displayed

9. Exit

When clicked, the program will be terminated

10. **Sidebar Toggle**

When clicked, the sidebar with all the controls will be toggled to hidden or shown

11. **Minimize**

When clicked, the program will not be displayed on the screen but would be running in the background

12. **Compact View**

When clicked, the program will displayed in a compact view

13. **Maximize**

When clicked, the program will be displayed in full screen view