Contents

[GIT HUB repository 2](#_Toc145035029)

[Application Description 2](#_Toc145035030)

[Class structure 2](#_Toc145035031)

[Methods 3](#_Toc145035032)

# GIT HUB repository

The project has been pushed to the following remote repository:

<https://github.com/stratosg2000/Simplelearn-Phase1-End-Project>

# Application Description

The application is named FileMagic and it includes a welcome message, a main menu and a business submenu. The application provides a) the feature to display the file contents of a user specified directory through main menu and three additional business options in the submenu which include creating a file, deleting a file and searching a file in a user specified directory.

When user is executing the program, he has the ability to perform any set of actions before exiting the program. For example, he can create 2 files of any name in two different directory paths.

The application guides through the menus to all features and requests from subscriber a) to insert the option for the action he wants to execute, as well as to insert the directory path for displaying the file contents and in business sub menu the filename for which the user desires to either create, delete or search according to his desire.

# Class structure

The application FileMagic has the following classes:

1. Class App includes the main method
2. Class Welcome provides the welcome menu
3. Class MainMenu provides the following 3 options of the application.
4. To display the contents of a user specified directory
5. The access the submenu with business options of creating, deleting and searching file
6. To exit from the App
7. Class SubMenu for presenting the business option of creating, deleting and searching a file
8. Create File
9. Delete a file
10. Search a file
11. Return to main menu
12. Class Service for implementing the functionality required by the menus, thus it provides the method to display the files of a folder, creating a file, deleting a file and searching a file.

# Methods