**Software Development**

Data & File Management Plan

for

<Finding the Book (FTB) >

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# Introduction

## Document Purpose

Initially GUI’s were made using QT Design which was then made into a python file so the code can be accessed and edited. Within the code on each GUI, a CSV file was imported to allow for the program to read in the resources that is required of the program. The CSV, GUIs and python files are all stored in the same location, making it efficient to access them, reliable and safe as they are all in the same location.

## Application Summary

The program is a adding and search function based program, which allows a user to input a resource they are trying to find and add a resource to the CSV that then can be searched on the program. This program is intended for the library staff at Thomastown secondary college that will be used on Windows 7 and 10 PC computers that do not require internet.

# File Summary - <filename>

-‘Resource list.csv’: It is where all the resources are stored and can be accessed by the program.

## Organisation/Structure

-‘Resource list.csv’, Size: 5kb, Data types: Strings

## Backup Plan

I use GitHub to store all my files just in case my physical computer breaks or stops working. Allowing me to access my files on another system.

## Archiving and Disposal – Legislative and Other Requirements

Archiving does happen when I use GitHub. Every time I make a change in the file that is linked with, GitHub I will always commit the changed files to master and then I will fetch origin, allowing my files to be saved to GitHub.

## File Encryption

GitHub requires a password and username to login helping make the files secured.

# Application Security

The program itself does not require any security to access it. The program will be present on a certain amount of computers that can only be accessed by them.