

# Design Manual

**Student:** Connor Scanlan - C00226867

**Supervisor:** James Egan

**Cybercrime & IT Security** - CW\_KCCYB\_B

**Institute of Technology Carlow**

## Table of Contents

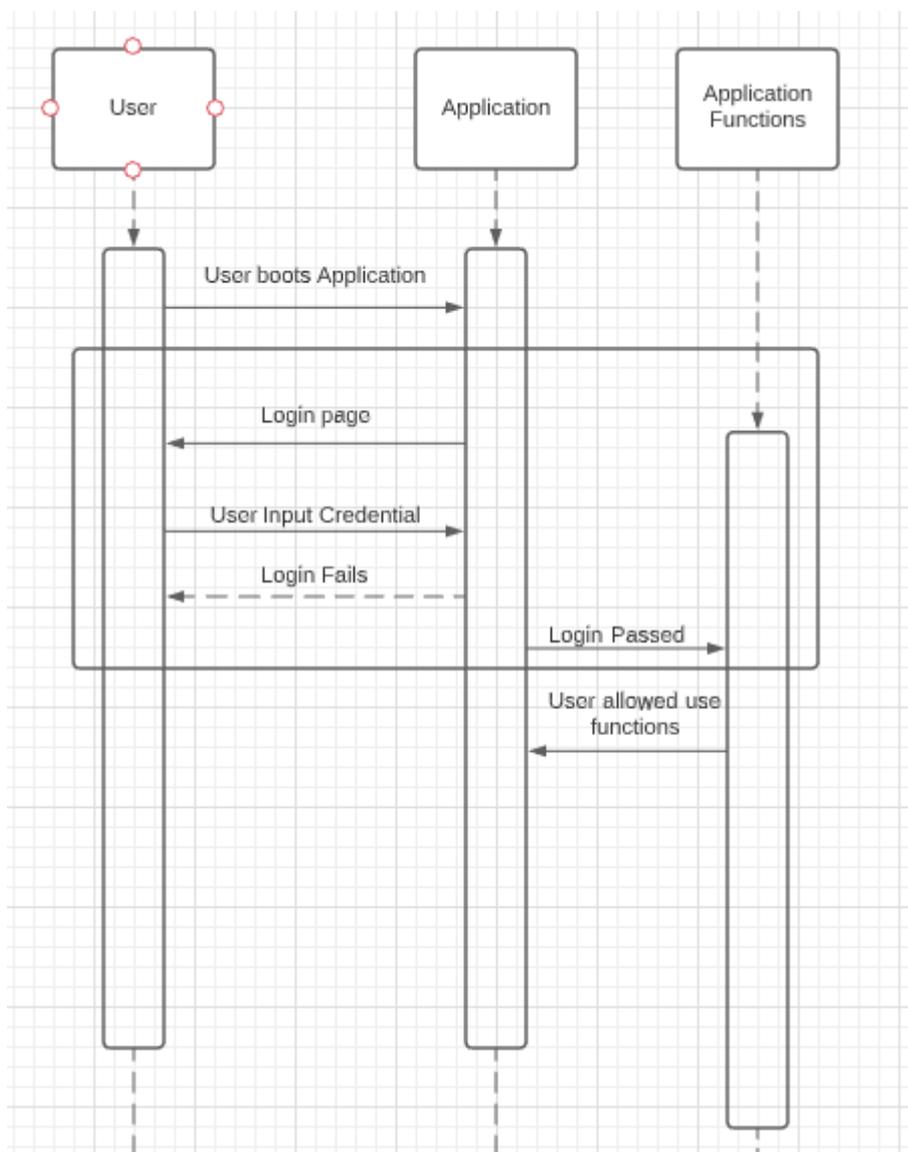
Introduction .....	3
Sequence Diagrams.....	3
Login Page .....	3
Register .....	4
File Selector .....	4
Directory Copying.....	5
Hash Function .....	5
Logging Function.....	6
User Interface.....	7
Register .....	7
Login.....	7
File Selector/Directory copying .....	7

## Introduction

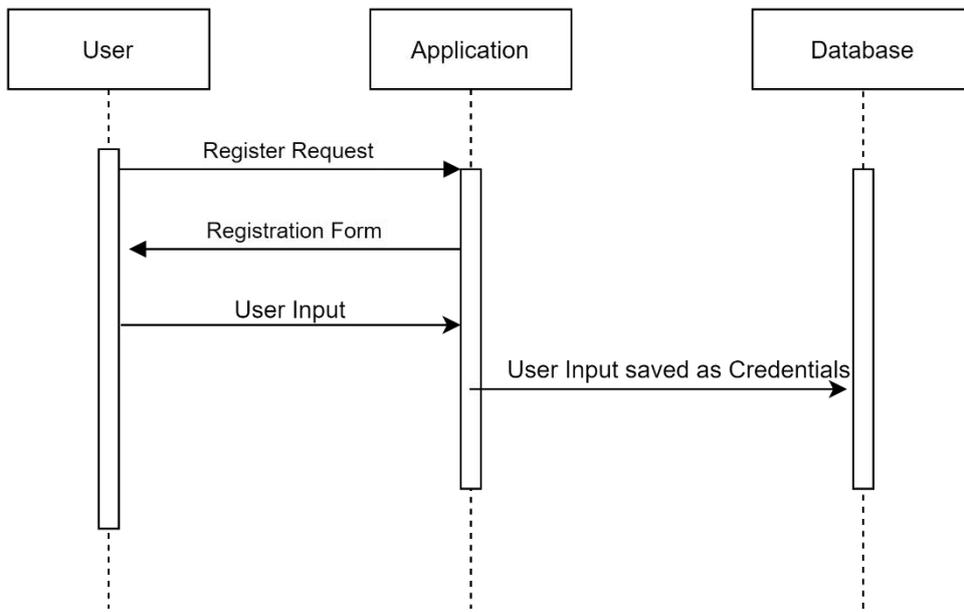
This document will go through the design of the application. Each function will be shown through a Sequence Diagram. I will also show the GUI that the application will be using.

## Sequence Diagrams

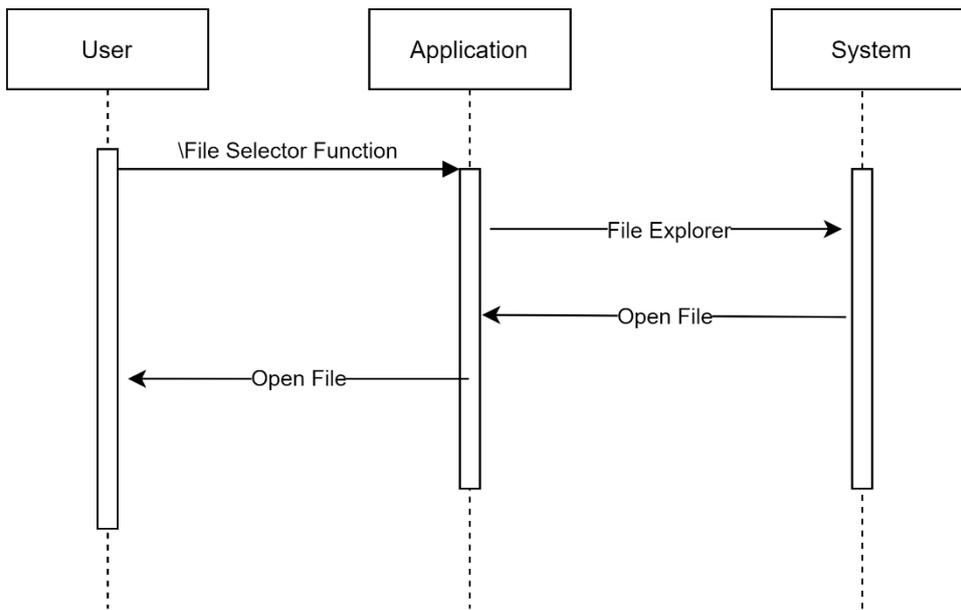
### Login Page



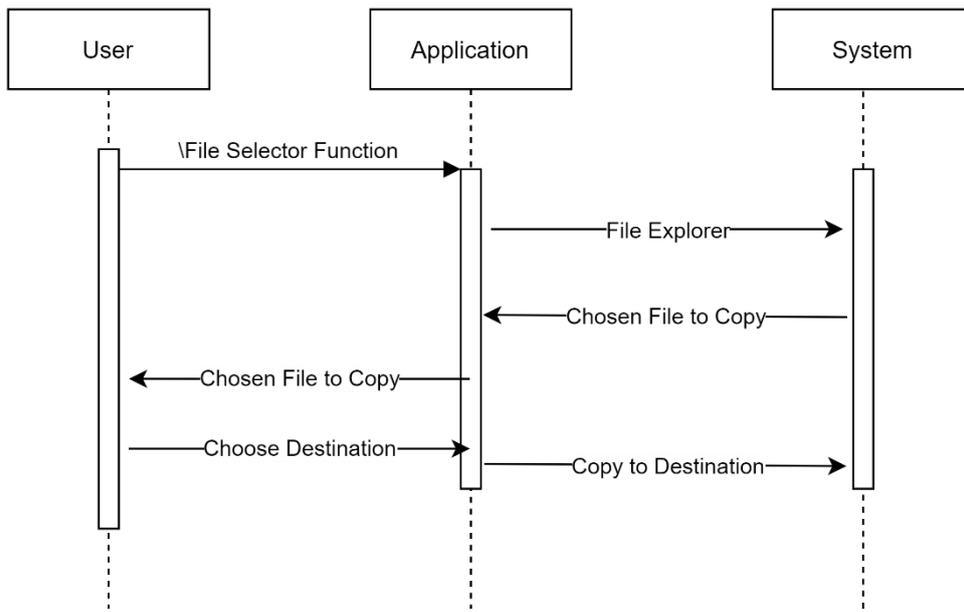
## Register



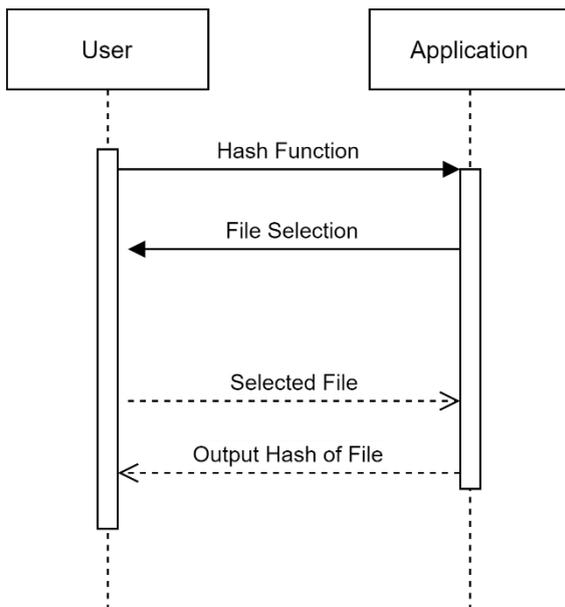
## File Selector



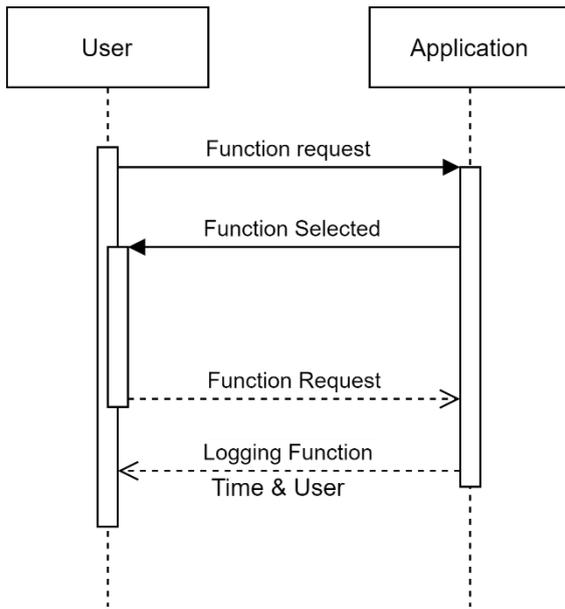
## Directory Copying



## Hash Function



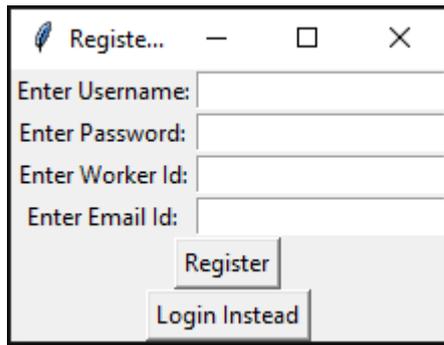
## Logging Function



## User Interface

### Register

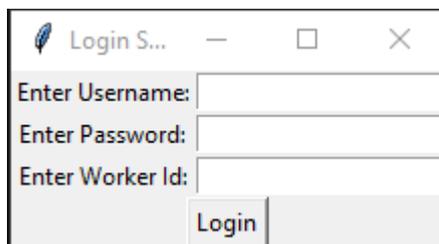
Below is a screen shot of the Register page of my application. It has four fields for the user to fill in. It also has a button to bring them to the login page if they have already registered.



A screenshot of a web application window titled "Registe...". The window contains four input fields stacked vertically, each with a label to its left: "Enter Username:", "Enter Password:", "Enter Worker Id:", and "Enter Email Id:". Below the input fields are two buttons: "Register" and "Login Instead".

### Login

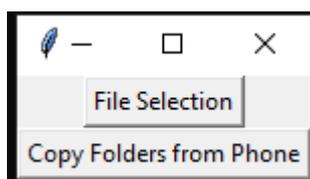
Below is a screen shot of the Login page of the application. It requires the Username, Password and Worker ID as credentials to test against the database.



A screenshot of a web application window titled "Login S...". The window contains three input fields stacked vertically, each with a label to its left: "Enter Username:", "Enter Password:", and "Enter Worker Id:". Below the input fields is a single button labeled "Login".

### File Selector/Directory copying

Below is a screenshot of the Main page with the File Selection and Directory Copy Buttons.



A screenshot of a web application window showing two buttons stacked vertically. The top button is labeled "File Selection" and the bottom button is labeled "Copy Folders from Phone".