

Technical-Spec - V1

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Software Name	Your Journal		

1 Introduction

1.1 Objective

Many people enjoy the pastime of journal writing to reflect on events throughout their day and track progress towards goals. Historically, journals are important records to discover insights into civilization during that historical period. However, physical paper copies of journals can degrade over time due to damage from the elements. Additionally, available online resources for online journals often are insecure, giving unwanted users access to others' information, and have limited functionality. This software will be available as an open-source downloadable desktop application that will be free of targeted advertisements that may contain spyware. This will be a protected database that allows users to have confidence in the privacy and ready availability of their information for many years to come. This document serves as a description of the software components. It is written by the developers for the client to reference. In this document, you will find block diagrams of the software architecture, UML diagrams showing classes and their relationship, and mockups.

1.2 References

Horstmann, Cay., "Object-Oriented Design & Patterns, 3rd edition

1.3 Acronyms and Abbreviations

Explain all acronyms, abbreviations, and complex concepts used in this document if there are any.

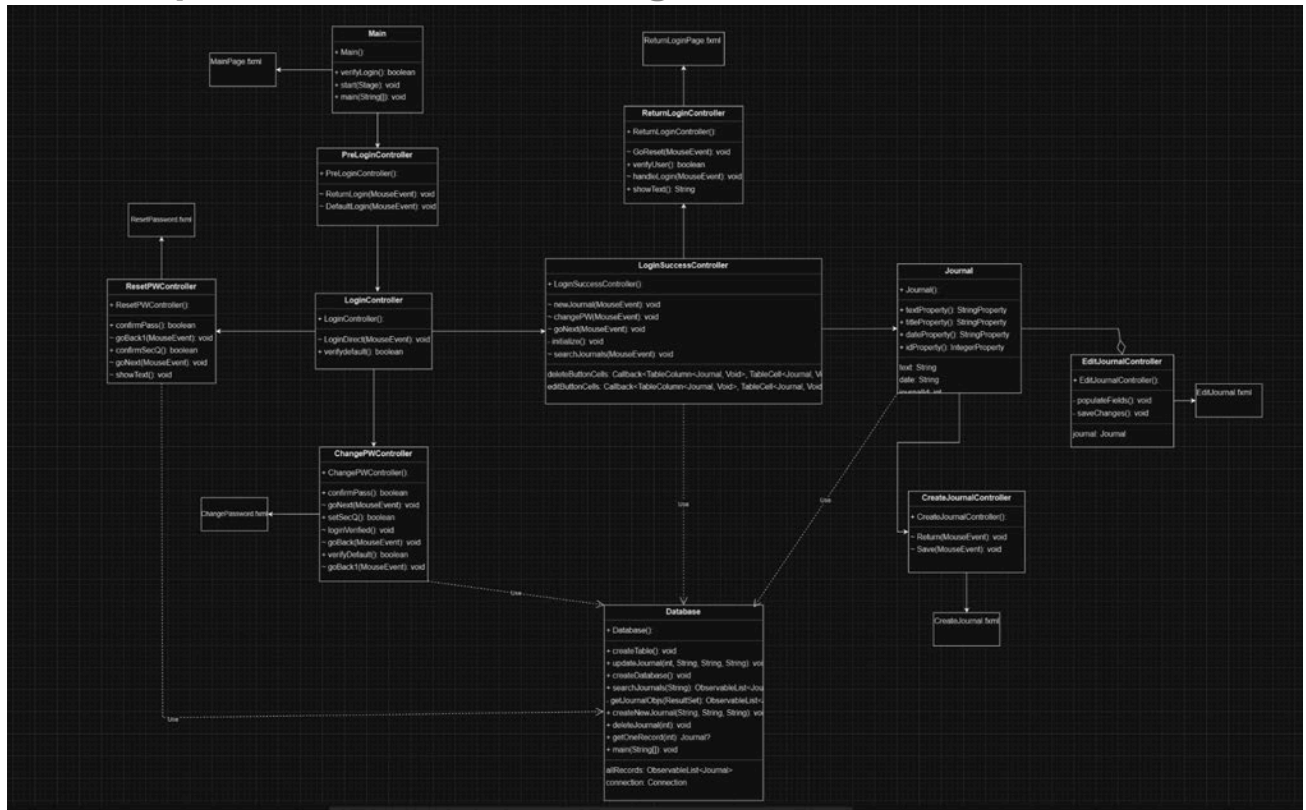
2 Software Overview

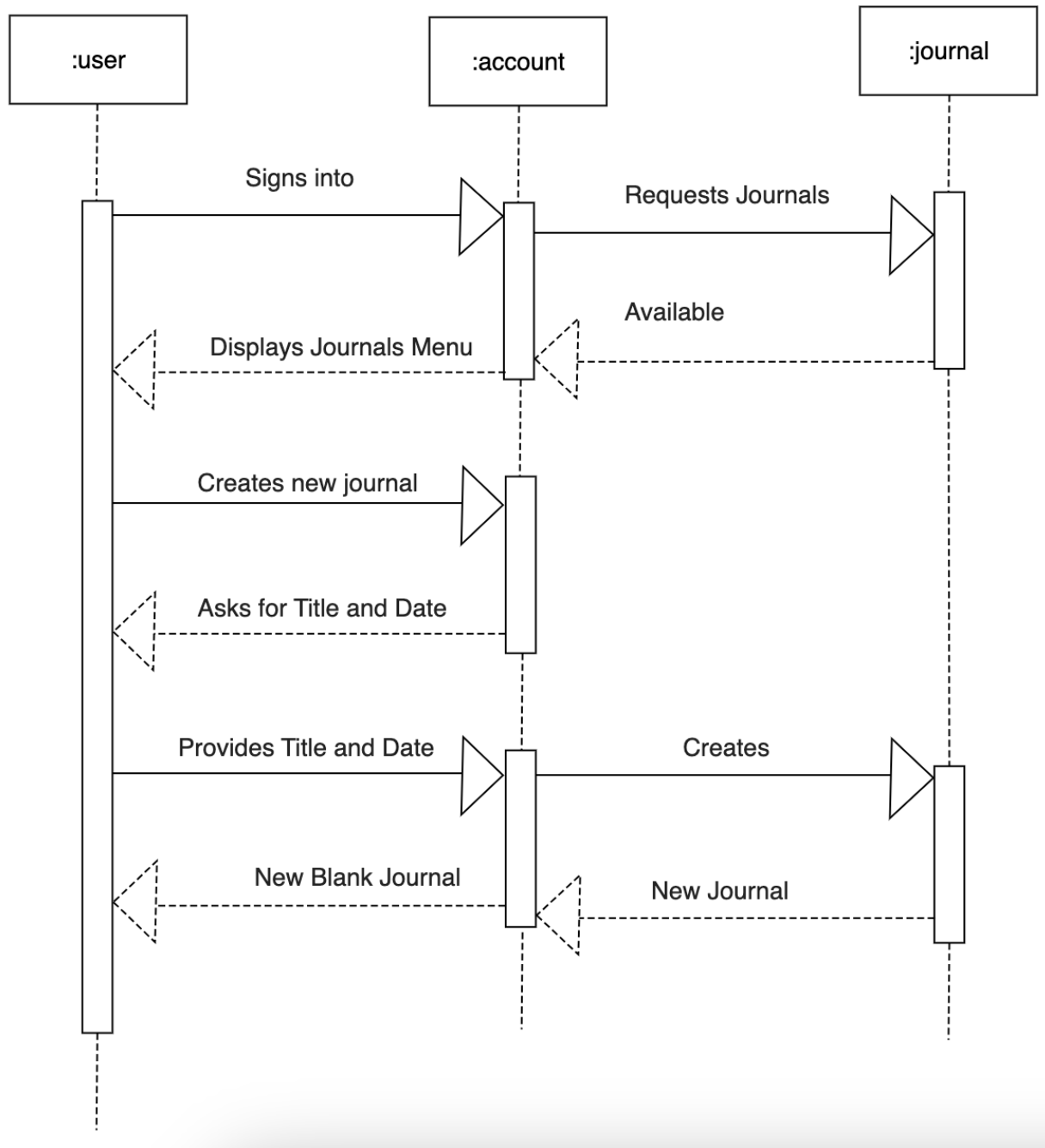
2.1 Functional Requirements

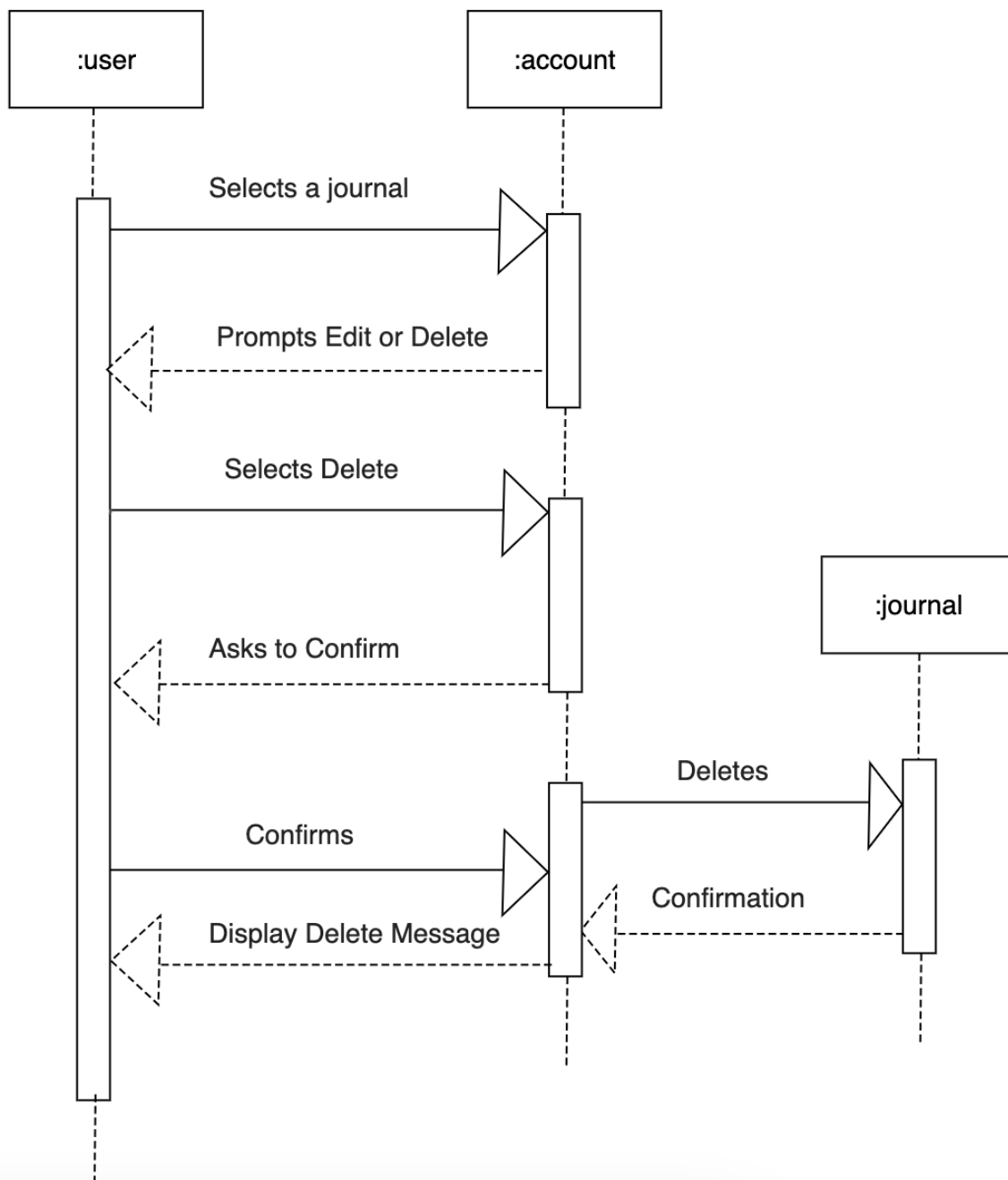
1. The software should provide a way for new users to login for initial time with default password.
2. After successful login, user will be redirected to change password to set user defined password and security questions.
3. After initial change password is completed, user will be redirected to main page.
4. User will have option to logout from main journal page.
5. User will have option to go back to login page from change password page.
6. Returning users will have option to select reset password on returning login.
7. User will have option to go back to returning login page from change password page.
8. Returning users will have option to login with user defined password.
9. After initial change password is completed, user will be redirected to main page.
10. User will be able to create new journal from main journal page.
11. User will have option to searching for journal by title or substring of title.
12. User will have option to edit journal from main journal after searching.
13. User will have option to delete journal after searching.
14. User will have default title and date set for journal.
15. User can manually edit title on journal page.
16. User can manually edit date on journal page.
17. User can save journal page.
18. User can exit journal page without saving.
19. The user can sort journals by date
20. The software should allow a user to edit the title of a journal as well as the date
21. The software should allow a user to write as much as they choose in a journal.
22. The system must have a user-friendly interface.
23. The system must be straightforward and easy to use.

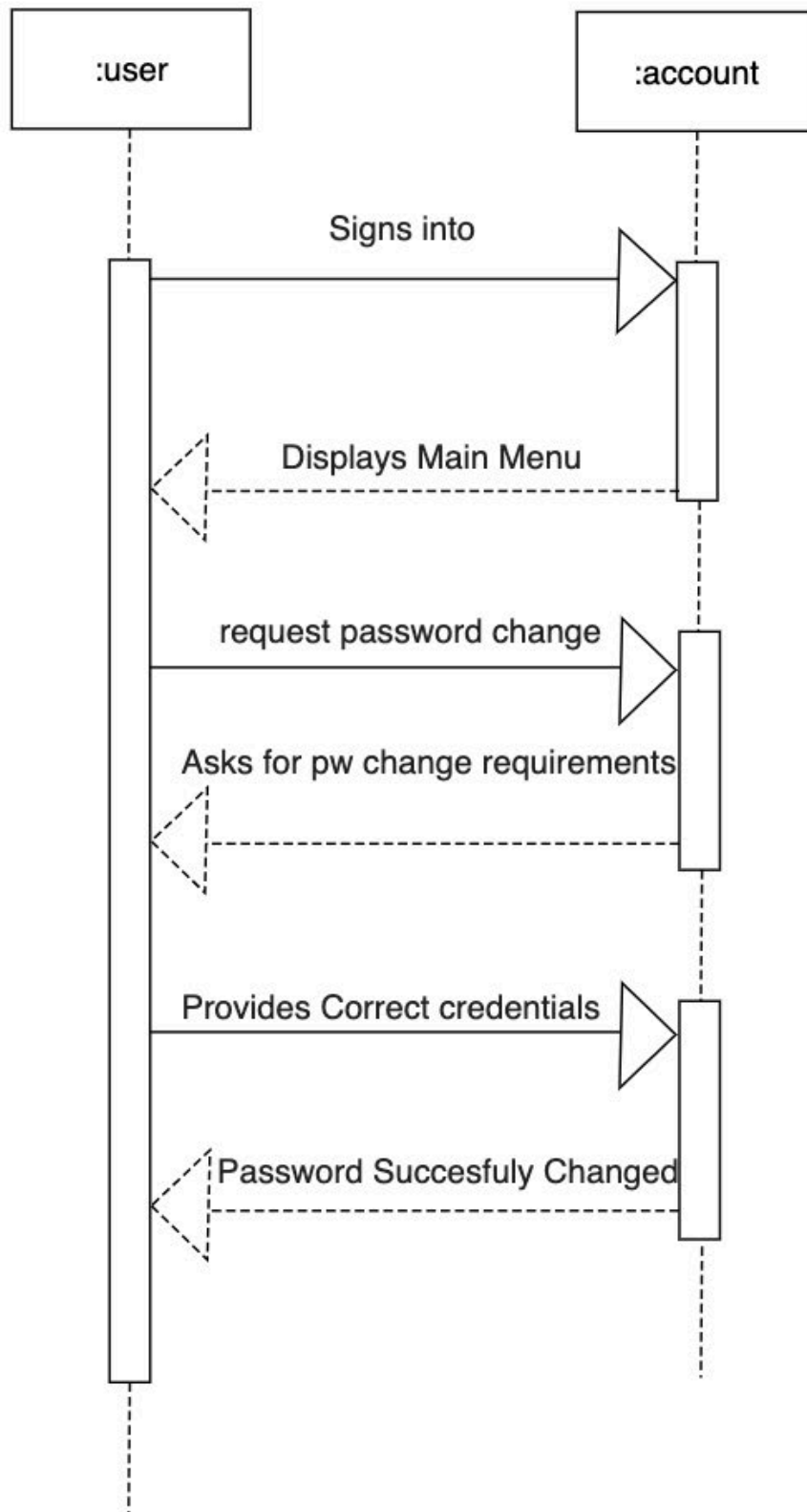
3 Detailed Design UML Class Diagrams

3.1 UML Sequence and/or State Diagrams



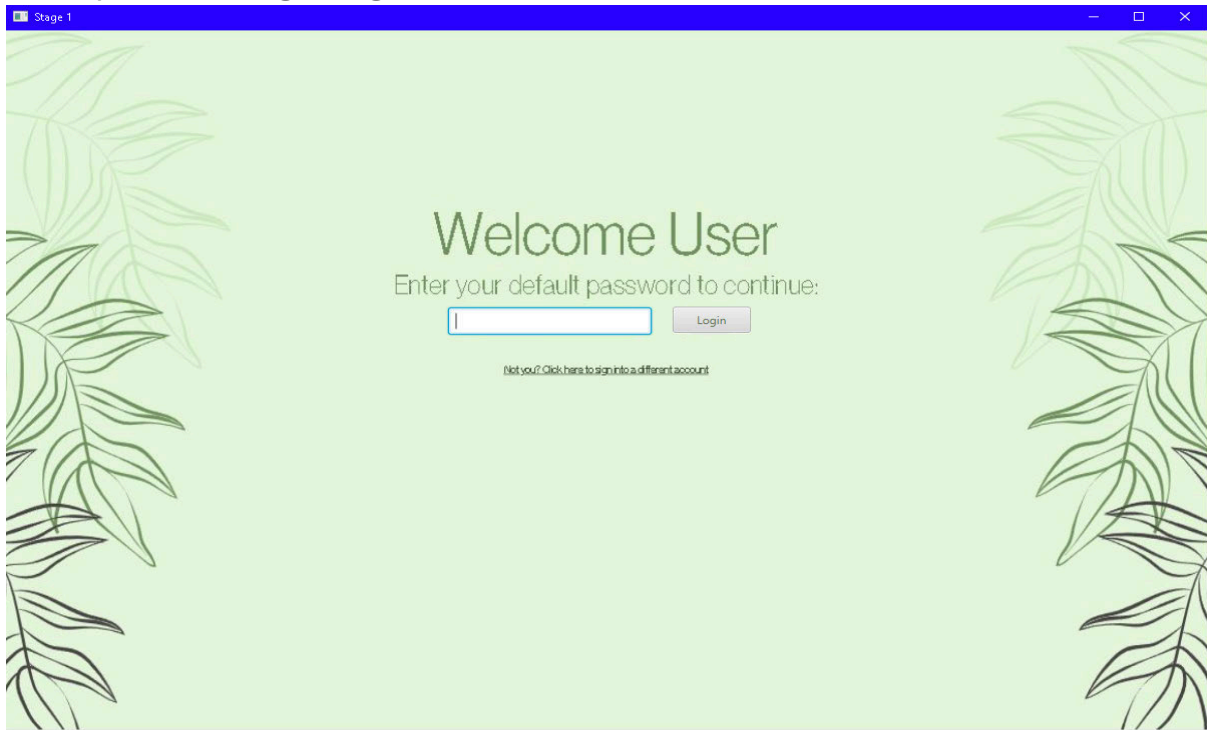




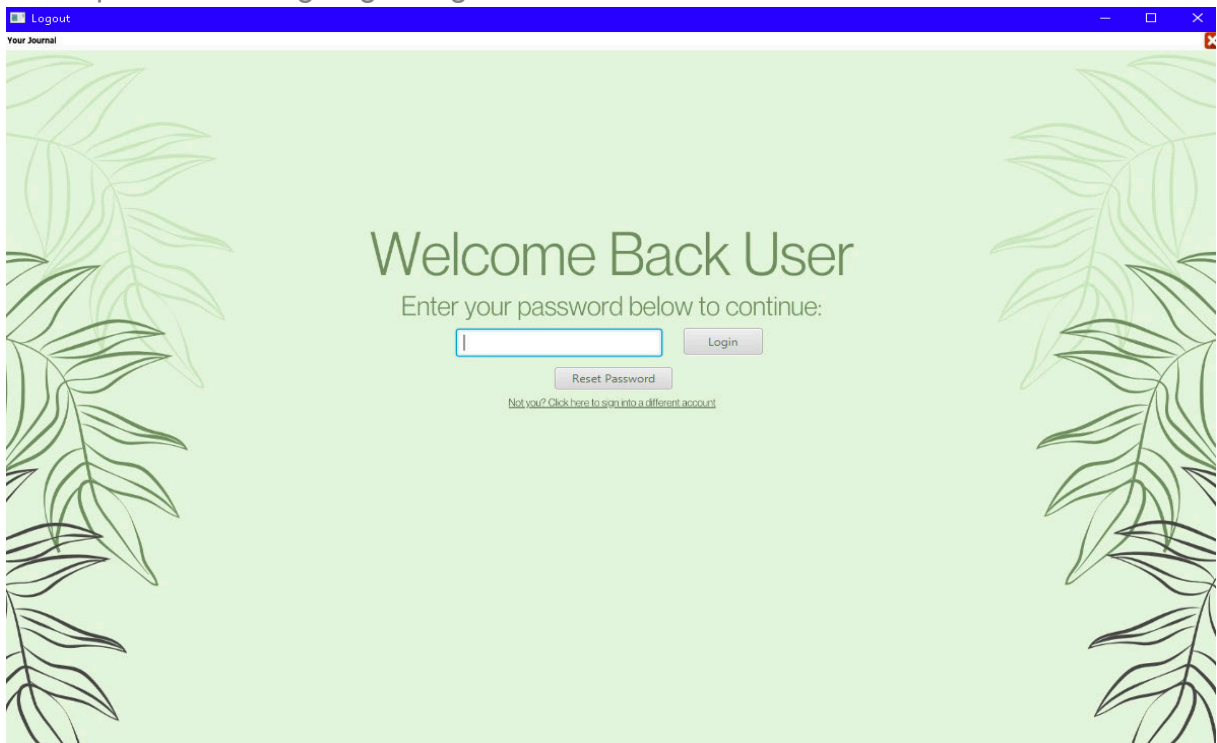


3.2 Mockups

Mockup 1: Initial Login Page



Mockup 1a: Returning Login Page



Mockup 2: Change Password

Change Password Page

Back

Welcome User

Change your password below:

Current Password

New Password

Confirm New Password

Choose Security Question

Confirm New Password

Answer to Security Question

Save your response!

Change Password

Mockup 3: Login Success Home Page

[illegible]

Create New Journal

Journal

User's Journal Entry

Title

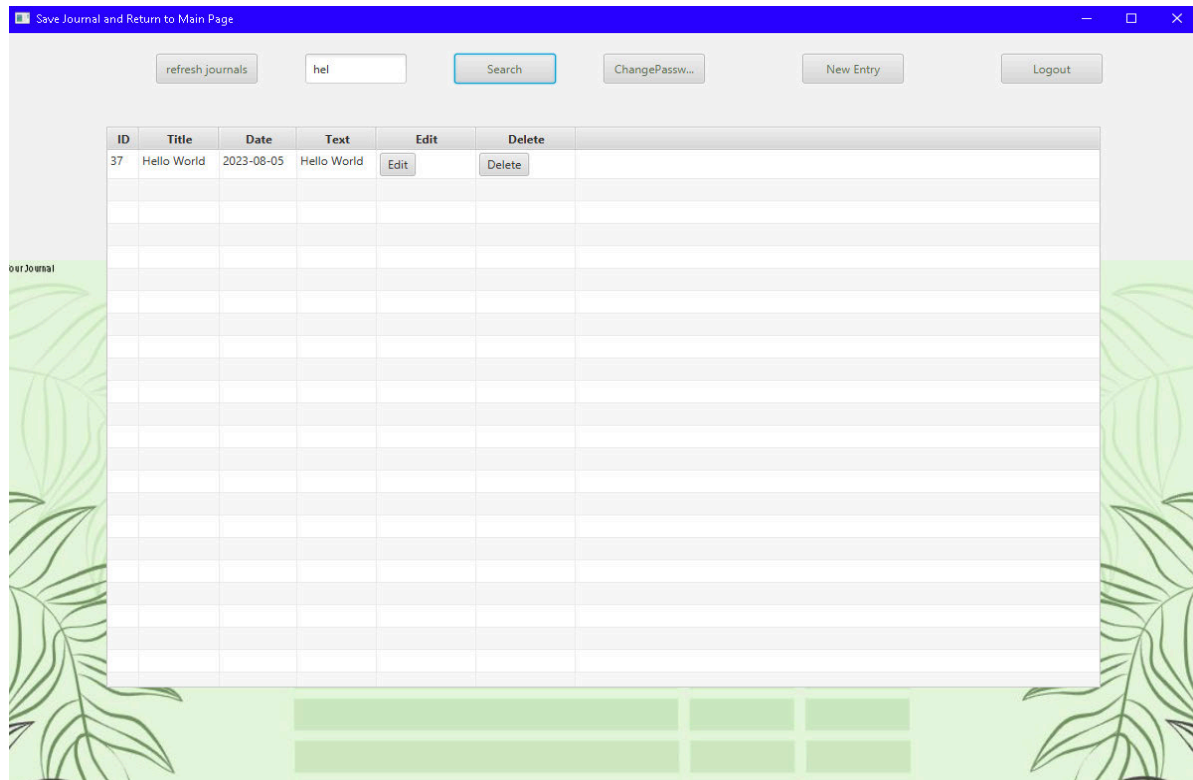
Date

Save Cancel

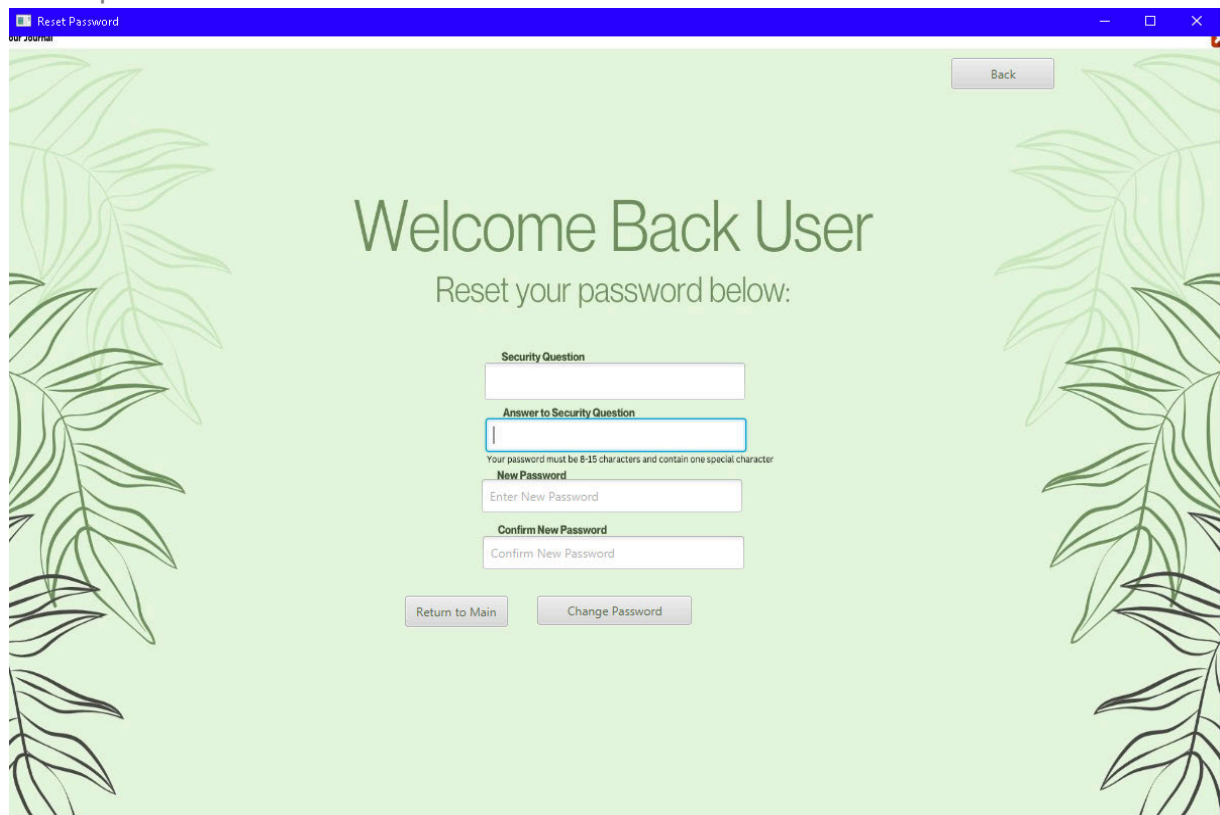
Mockup 5a. Before Search

9

Mockup 5b:



Mockup 6: Reset Password



7a: Before delete

