

Technical-Spec - V1

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Software Name	Note-It		

1 Introduction

1.1 Objective

The objective of this document is to provide an overview of the interfaces and classes that will be implemented for an open-source software system that allows users to create and save personal journal entries. The document also specifies the relationships between each component.

1.2 References

Violet UML Editor

1.3 Acronyms and Abbreviations

N/A	N/A
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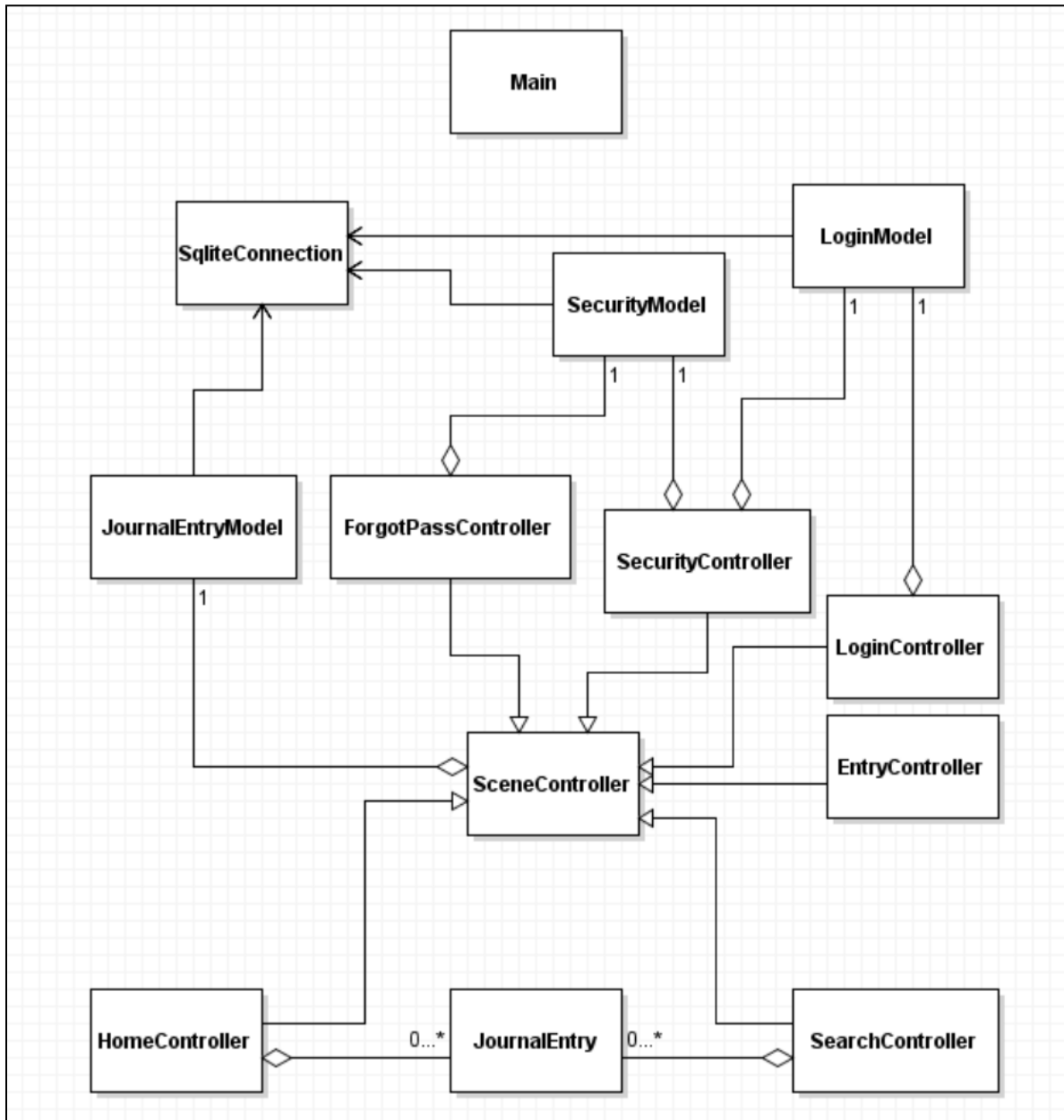
2 Software Overview

2.1 Functional Requirements

1. The software will require the user to input a default password, if they are a first-time user, then prompt the user to create a new password.
2. The software will allow the user to create new journal entries.
3. The software will allow the user to save their journal entries for future reference.
4. The software will allow the user to search a substring in the entry or by the entry's title.
5. The software will allow the user to edit or delete the entry at a later time.
6. The software will allow the user to reset or change the password.
7. The software will allow the user to logout after a successful login.

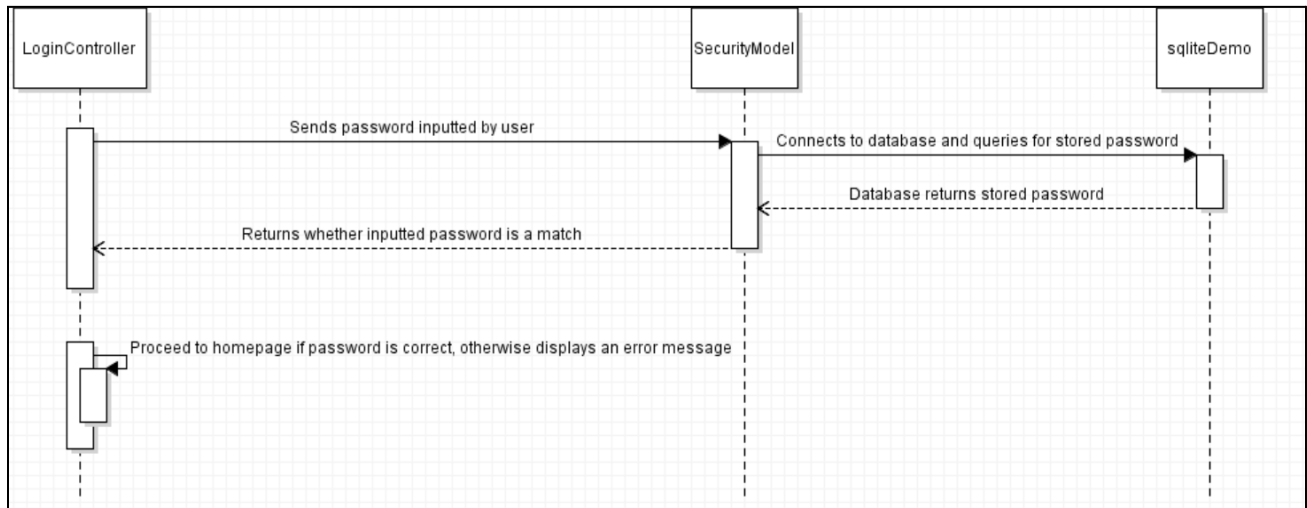
3 Detailed Design

3.1 UML Class Diagrams

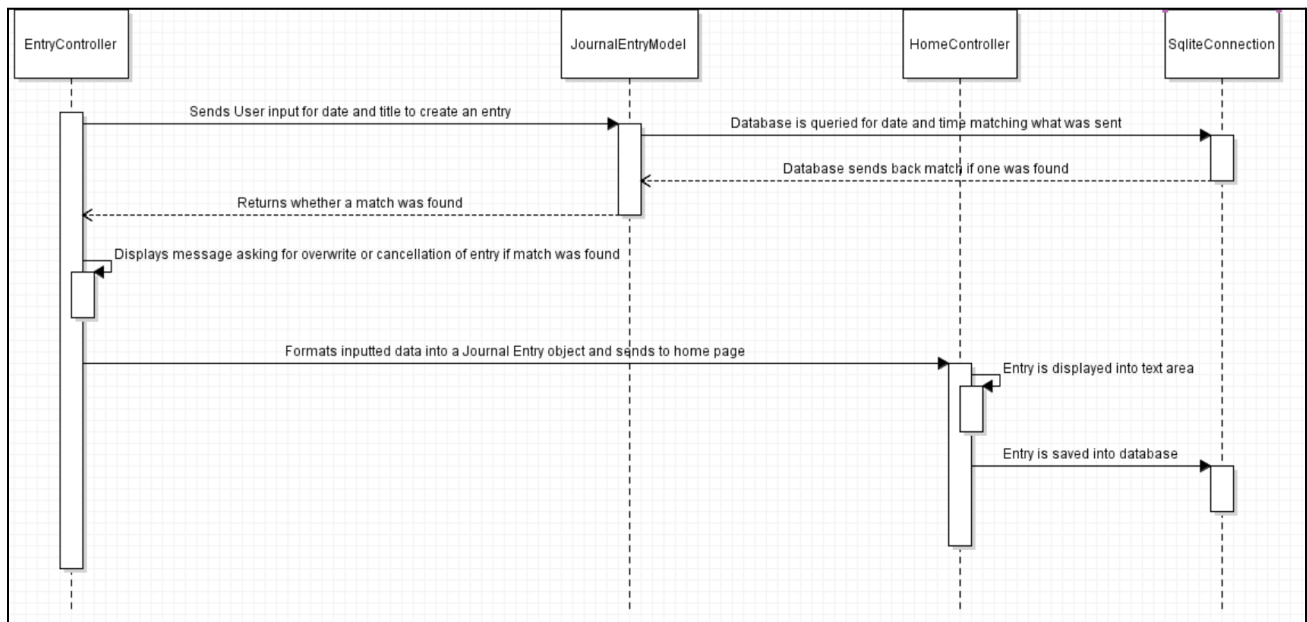


3.2 UML Sequence and/or State Diagrams

Sequence Diagram: Logging into Application

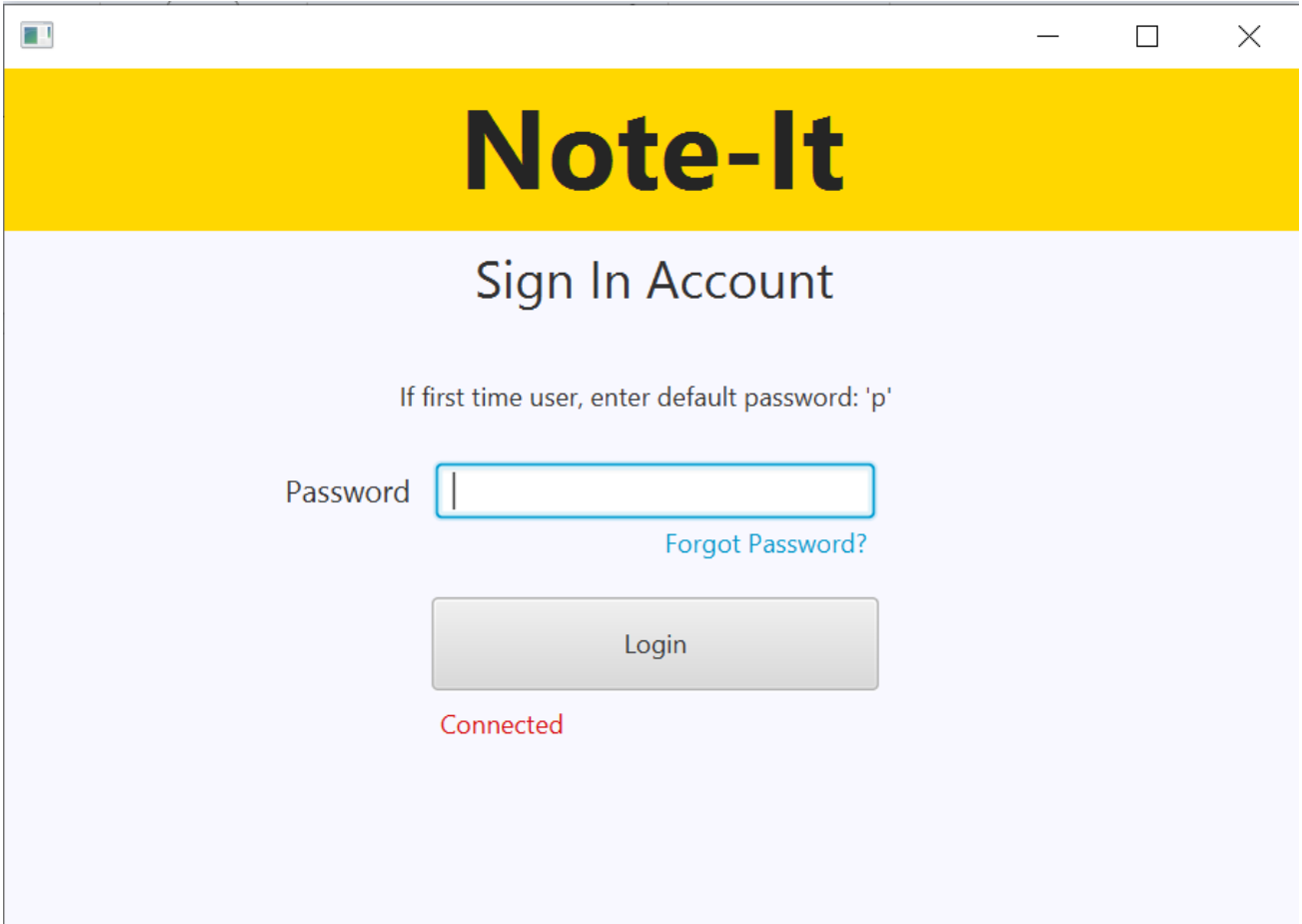


Sequence Diagram: Creating an Entry



3.3 Mockups

Login Page



The mockup shows a web browser window titled 'Login Page'. The page has a yellow header with the text 'Note-It' in large, bold, black font. Below the header, the text 'Sign In Account' is centered. A message states: 'If first time user, enter default password: 'p''. There is a password input field with a blue border and a cursor. To the right of the field is a link 'Forgot Password?'. Below the field is a grey 'Login' button. At the bottom, the word 'Connected' is displayed in red.

Note-It

Sign In Account

If first time user, enter default password: 'p'

Password

[Forgot Password?](#)

Login

Connected

—

□

×

Note-It

Change PasswordLogout

Search


Entries

Date	Title
2023-08-02 1...	entry 1

< >

+ Create New Entry

New Journal Entry Page




—



□

×



8/2/2023



19

32





Cancel

Save

Your entry here

Search Page - No Results Found

— □ ×

Note-It

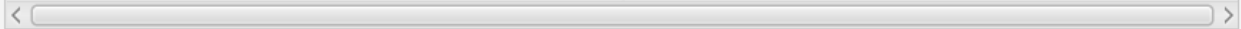
Date	Title
No content in table	

Search Page - Results Found



Note-It

Date	Title
2023-08-02 19:31	entry 1



Change Password Page

Connected

Change Password

Old Password

New Password


Confirm New Password

Security Question

Security Answer

Submit

Forgot Password Page

—□✕

Forgot Password

Security Question

What state were you born in?

Enter Security Answer

New password

Confirm password

Password Match

Reset Password