SE 3XA3: Requirements Document
MacSidenotes

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Contents

List of Tables

List of Figures

Table 1: **Revision History**

Date	Version	Notes
Oct 6th, 2016	0.5	Sections 2 and 4 Complete

This document describes the requirements for .... The template for the Software Requirements Specification (SRS) is a subset of the Volere template (**?**). If you make further modifications to the template, you should explicity state what modifications were made.

1 Project Drivers

1.1 The Purpose of the Project

1.2 The Stakeholders

1.2.1 The Client

1.2.2 The Customers

1.2.3 Other Stakeholders

1.3 Mandated Constraints

1.4 Naming Conventions and Terminology

1.5 Relevant Facts and Assumptions

User characteristics should go under assumptions.

2 Functional Requirements

2.1 The Scope of the Work and the Product

2.1.1 The Context of the Work

*Note: Replace owl with actual diagram

2.1.2 Work Partitioning

Table 2: **Business Event List**

Event #	Event Name	Input and Output	Summary of BUC
1.	User clicks extension icon	Button click event (in) Sidebar popup (out)	Extension sidebar pops out.
2.	User types in sidebar	Keystrokes (in) Text in sidebar (out)	Note is displayed as it is being entered.
3.	User clicks save icon	Button click event (in) User's note (in) Save message (out)	Save user's note.
4.	User clicks Note List button	Button click event (in) Note List (out)	Show list of previous notes
5.	User clicks note in Note List	Button click event (in) Webpage (out)	Send user to URL attached to previously saved note

2.1.3 Individual Product Use Cases

1. User wishes to create a note for a Wikipedia article (or any webpage) they are viewing, so they click the MacSidenotes icon in their chrome browser. The notes sidebar pops up on the right side of the screen

2. User begins to type their note, "Section 7 is relevant for thesis paper" and it appears in the sidebar.

3. User clicks the save icon, and their note is saved in local browser storage along with the URL to that article.

4. User wishes to view all previous notes, so they click the MacSidenotes icon followed by the Notes List icon. A list of notes the user has recorded in the past appear, alongside their respective source URLs.

5. User wishes to recall a specific previous note, so they click on that note in the Notes List. Chrome then takes them to the URL associated with that note, displaying the note in the sidebar as it appeared when they saved it.

2.2 Functional Requirements

Requirement #: F.1   Requirement Type: 9   Event/Use case #: 1

Description: The product must reveal a typing window "sidebar" on the right hand side of the chrome window when the extension icon is clicked.

Rationale: Users need a location to type their notes.

Originator: Josh Mitchell

Fit Criterion: The window shall appear in the correct location within 1 second of the user clicking on the icon.

Customer Satisfaction: 5   **Customer Dissatisfaction:** 5
Priority: Very High   **Conflicts:** None

Supporting Materials: None
History: Created October 6th, 2016

Requirement #: F.2   Requirement Type: 9   Event/Use case #: 2

Description: The product must allow the user to type their notes into the sidebar.

Rationale: Typing is a fast and simple way to record notes.

Originator: Josh Mitchell

Fit Criterion: The user's exact keyboard input shall appear in the sidebar within 0.1 seconds of the key being pressed.

Customer Satisfaction: 5   **Customer Dissatisfaction:** 5
Priority: Very High   **Conflicts:** None

Supporting Materials: None
History: Created October 6th, 2016

Requirement #: F.3   Requirement Type: 9   Event/Use case #: 3

Description: Upon the Save Note button being clicked, the product must save the user's note in local browser storage alongside the URL of the web page they were viewing that the time.

Rationale: Saving notes for future reference greatly increases the usefulness of the extension.

Originator: Josh Mitchell

Fit Criterion: After pressing save, Chrome's local storage should append the exact content of the user's note and its associated URL to the list of saved notes. This operation will take under 5 seconds to complete.

Customer Satisfaction: 4   **Customer Dissatisfaction:** 4
Priority: High   **Conflicts:** None

Supporting Materials: None
History: Created October 6th, 2016

Requirement #: F.4   Requirement Type: 9   Event/Use case #: 4

Description: The product must allow the user to see all previously saved notes by clicking the Notes List button.

Rationale: Viewing previous notes greatly increases the extension's usefulness

Originator: Josh Mitchell

Fit Criterion: The list of notes shall appear in the correct location within 1 second of the user clicking on the icon.

Customer Satisfaction: 4   **Customer Dissatisfaction:** 4
Priority: High   **Conflicts:** None

Supporting Materials: None
History: Created October 6th, 2016

3   Non-functional Requirements

3.1   Look and Feel Requirements

Requirement #: NF.1   Requirement Type: 10   Event/Use case #:

Description: The product should have an attractive html interface.

Rationale: The product must be aesthetically pleasing and easy to use to benefit the end-users

Originator: Matthew Shortt

Fit Criterion: Stakeholder satisfaction regarding the appearance

Customer Satisfaction: 5   **Customer Dissatisfaction:** 5
Priority: High   **Conflicts:** None

Supporting Materials: None
History: Created October 5th, 2016

3.2   Usability and Humanity Requirements

3.3   Performance Requirements

3.4   Operational and Environmental Requirements

3.5   Maintainability and Support Requirements

3.6   Security Requirements

3.7   Cultural Requirements

3.8   Legal Requirements

3.9   Health and Safety Requirements

This section is not in the original Volere template, but health and safety are issues that should be considered for every engineering project.

4 Project Issues

4.1 Open Issues

4.2 Off-the-Shelf Solutions

4.3 New Problems

4.4 Tasks

4.5 Migration to the New Product

4.6 Risks

4.7 Costs

4.8 User Documentation and Training

4.9 Waiting Room

4.10 Ideas for Solutions

References

5   Appendix

This section has been added to the Volere template. This is where you can place additional information.

5.1   Symbolic Parameters

The definition of the requirements will likely call for SYMBOLIC_CONSTANTS. Their values are defined in this section for easy maintenance.