

Team Project Design Document

Team H:

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Project Title

Basic Word Processor

Version Number: 2

Change History

Date	Author	Comments
06/02/15	Daryl	Version 1
12/02/15	Adam	Version 2 Added in our system design diagrams

Summary

Our project is the basic word processor. This project has a set of minimum requirements that we must complete. These include creating, editing, amending, delete, export and open files. We must also be able to create folders and browse through our saved files in multiple folders. To make it much easier for users we must provide a spell checking service and text formatting for the user. We will also have a word count so the user can keep track of their work. Another feature that will be included is the ability to include objects into the file. These could range from tables, images or even url links to videos. To make it easier for the user all possible tools or features will be in a drop down menu. This will make the aesthetics of the processor more appealing for the user.

Assumptions & Dependencies

System Requirements:

Related software or hardware:

We consider using the Google API. For hardware we will be designing and building this for desktops and laptops.

Operating systems:

We will be designing this platform for windows. Specifically windows 7/8.

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End-user characteristics:

We will be designing a graphical user interface instead of command line interface. We will be doing this because the users of our word processor may not have any skill/knowledge in computer systems.

Possible and/or probable changes in functionality:

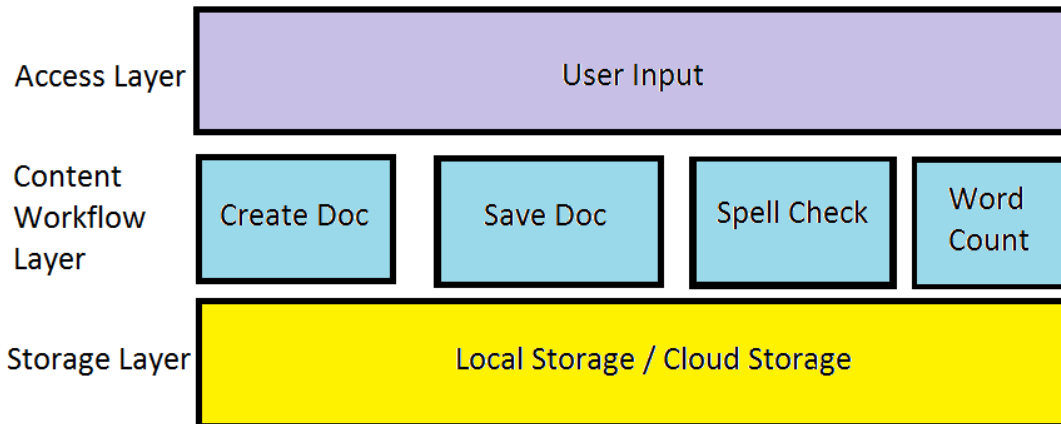
This system will be designed with html/php. Rather than our platform being tied to a specific device it will be web based and any desktop/laptop that can run windows.

Development Methods

The Agile Software Development Method is being used. This creative process will help us anticipate the need for flexibility in our approach to delivering a final product. Focus will be placed on keeping code simple, regular testing and producing working parts of the program as the project progresses, as opposed to delivering one large application at the end.

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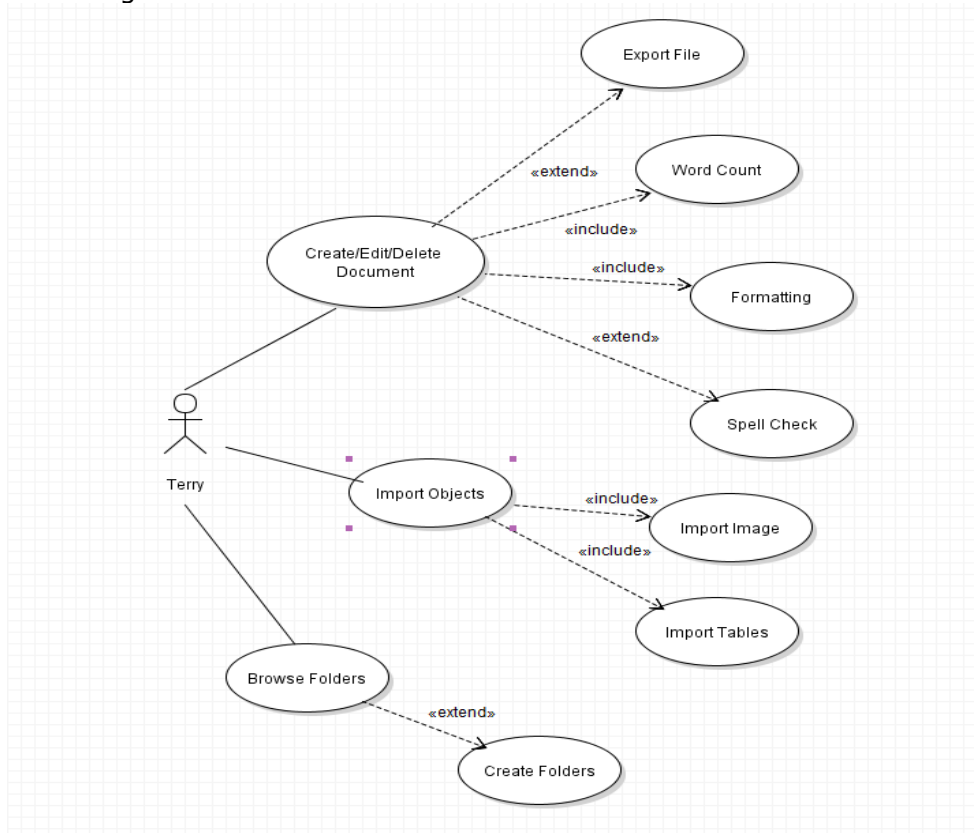
High Level System Architecture



This is a representation of our word processor. When the user enters any form of input this is handled in the access layer. If the user wants to do anything else with the input or extra features of the word processor this is handled in the next layer, the work flow layer. Lastly if the user wants to save their work or access old files this will be handled in the storage layer.

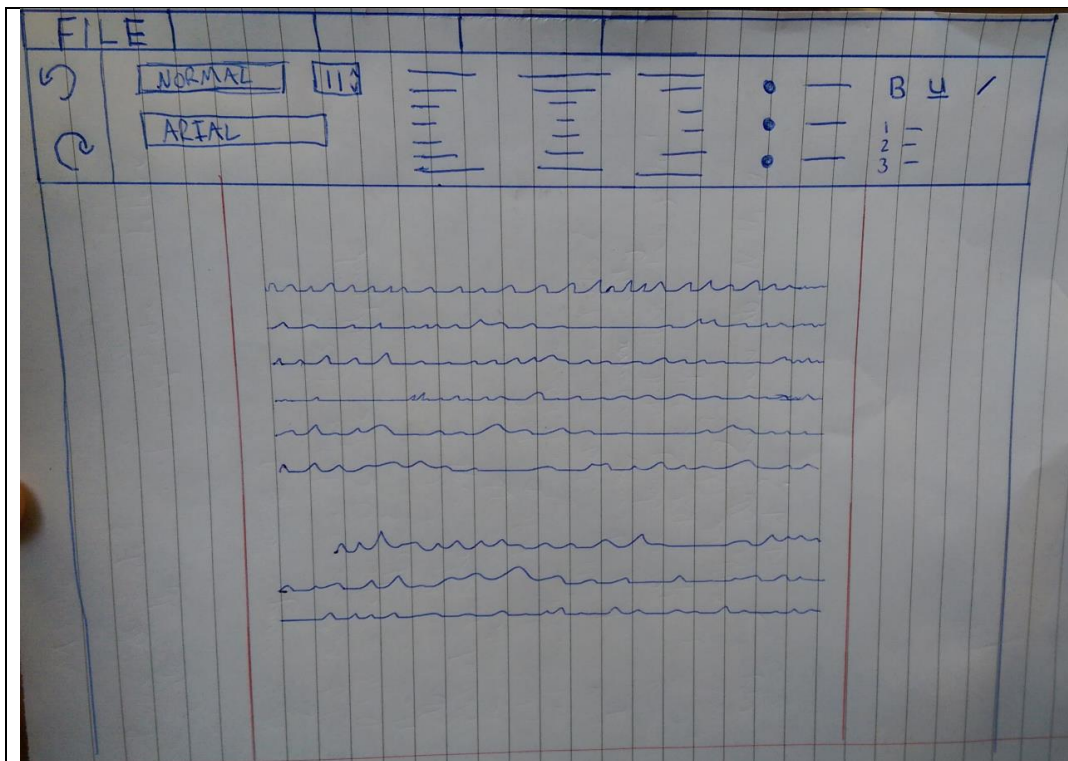
Detailed System Design

Use Case Diagram:

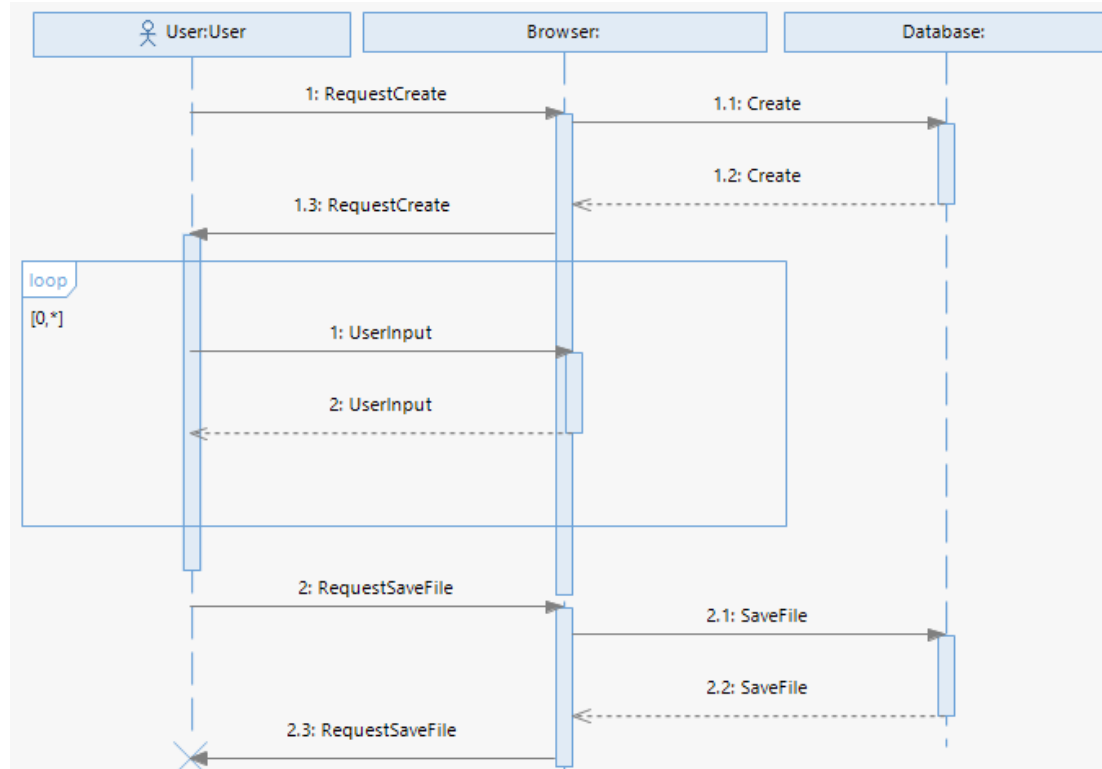


GUI Prototype:

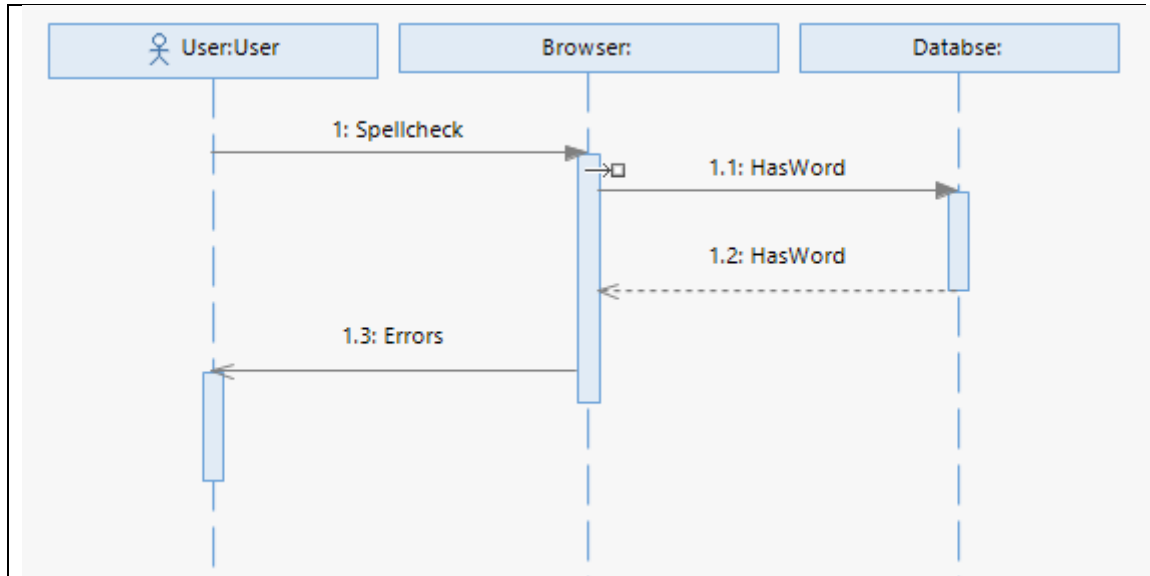
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Sequence Diagrams:



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Related Documents

Document Title	Author(s)	Description
<i>e.g. test plan, design document, user manual, test results</i>		
Gantt Chart	Daryl, Adam, Marcel, Stephen	Gantt chart detailing development phases