Spell Rater

Test Plan

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1. INTRODUCTION

The purpose of this software design document is to describe the implementation of the software architecture and system design of this project, the Spell Rater.

A tool that can spell check online is can be the suitable solution for optimizing the quality of the text content on the webpages.

Use the data resulting from this tool to improve the quality of the site's content pages. Readers, and the search engines, will appreciate the improvements because this spell check tool is able to support the development of the value of the text content.

Once this online spellchecker tool has completed the scan, it displays a tabular report listing each URL scanned and the number of possible misspellings found on each page. These potential errors can then be review and corrected as needed.

2. OBJECTIVES AND TASKS

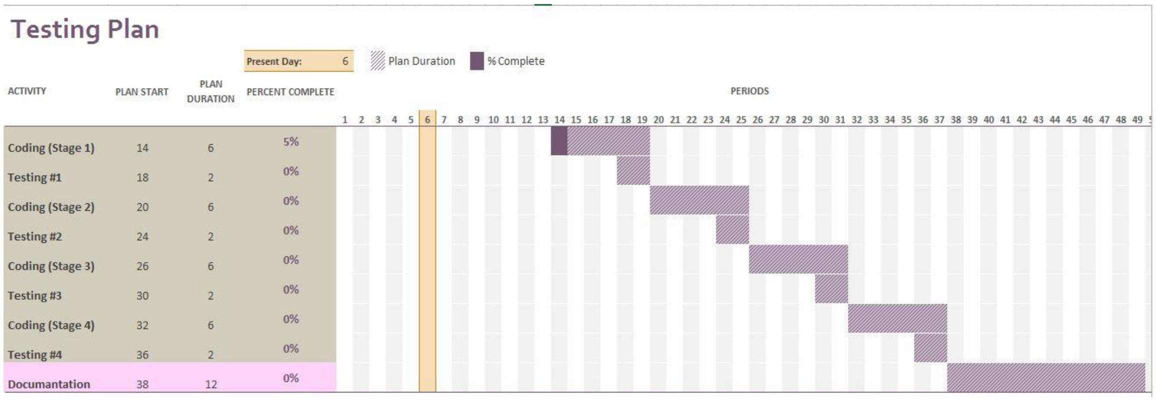
2.1 Objectives

- The API that we are using for the Spell Checker should be evaluated
- The Dictionary text should be tested
- Connection of the database should be tested.
- Database Security should be tested.
- The Accuracy of the calculations should be tested
- Validations of the fields should tested

2.2 Tasks

- Testing API
- Testing Dictionary
- Testing the database connection and Security
- Testing the web application
- Handling the Exceptions

3. TEST SCHEDULE



Testing Plan

Present Day: 6 ▨ Plan Duration ■ % Complete

ACTIVITY	PLAN START	PLAN DURATION	PERCENT COMPLETE
Coding (Stage 1)	14	6	5%
Testing #1	18	2	0%
Coding (Stage 2)	20	6	0%
Testing #2	24	2	0%
Coding (Stage 3)	26	6	0%
Testing #3	30	2	0%
Coding (Stage 4)	32	6	0%
Testing #4	36	2	0%
Documantation	38	12	0%

Our Testing process is coding parallel with the coding part
According to the Testing plan

Testing #1 : In this stage we mainly forces on connation implementation and the seen the site responding on large user count and also the database connation

Testing #2 : In this stage we are checking the API and the what is the accuracy of the and do we can depend on the API.

Testing #3 : Basically at this stage we almost finish the Interfaces so we can validate all fields and also we can test all the GUIs

Testing #4 : Final Testing go through every process and test all the functions of the software and report all this in a database so we can go through a review on that

4. FEATURES TO BE TESTED

- API
- Server Security
- Database
- Web Application

5. CHALLENGES IN TESTING

- Database Security

- If API having bugs it is hard to implement a better one

6. RISKS AND CONTINGENCIES

Major risks we have determined for this software are as follows:

- Server failure
- Late delivery of software
- Technology will not meet expectations
- End users resist system
- Changes in requirements
- Deviation from software engineering standards
- Less reuse than planned
- Poor commenting of source code

Risk	Probability	Contingencies / Mitigation Approach
Server failure	5%	When selecting a Server try our best
Late delivery of software	15%	Work with the team and distribute the works
Technology will not meet expectations	25%	Get an expertise on the new techs
End users resist system	2%	User Friendly interfaces
Changes in requirements	10%	Keep in touch with the client
Deviation from software engineering standards	20%	Follow the stands and stepy by stem meet the architect and clear the errors
Less reuse than planned	5%	Work up to date
Poor commenting of source code	5%	Comment when the coding process