Peer Review 1

CMSC 495 – Current Trends and Projects in Computer Science

University of Maryland University College (UMUC)

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**Test plan reviewed:** DR SWAB\_CMSC495\_Test\_Namev3.pdf

**Section reviewed:** Overall document.

**Page:** All Pages.

**Issue/Concern found:** The format does not align with IEEE standard. However, overall test plan makes sense.

**Suggestion:** Use IEEE standard template.

**Sections reviewed:** Table of Contents, 4.1 Test Schedule

**Page:** 1, 4

**Issue/Concern found:** Font of text in Table of Contents and text that is added externally around SDLC in section 4.1 doesn’t look to match the font used in the rest of the document.

**Suggestion:** Consider changing font to match rest of document if possible

**Section reviewed:** 1.1 Purpose

**Page:** 3

**Issue/Concern found:** “The system, also known as Solomon 1.0 is a software system designed to aid in the calculation of insurance quotes. Functions include graphical user interface (GUI) interactions

by user.” These sentences do not flow. After first sentence, I expected to see insurance quote or calculation functions of the application. Not technical functions.

**Suggestion:** You can start a new paragraph for detailing technical functions. Add a comma after “Solomon 1.0” in the first sentence.

**Section reviewed:** 1.2 Background

**Page:** 3

**Issue/Concern:** Capitalization inconsistencies regarding "PC". Section 1.2 has PC in lowercase, whereas section 2 has PC capitalized. Minor grammatical issue makes the first sentence read oddly.

**Suggestion:** Use consistent case throughout sections by capitalizing “PC” here. Add an “an” prior to “insurance quote” in “calculates insurance quote.”

**Section reviewed:** 1.3 Scope

**Page:** 3

**Issue/Concern:** Capitalization inconsistencies.

**Suggestion:** Use consistent case throughout sections by capitalizing “PC” and “WWW” here.

**Section reviewed:** 3.2 Traceability

**Page:** 4

**Issue/Concern found:** Traceability table doesn’t contain name of system requirements and/or requirement ID’s mapping to test cases

**Suggestion:** Possibly include name of requirements or requirement ID’s in table

**Section reviewed:** 4.1 Test Schedule

**Page:** 4

**Issue/Concern found:** Appearance of text – First sentence has inconsistent capitalization.

**Suggestion:** Capitalize first letter of all stages (planning, analysis, design) to improve appearance of text.

**Section reviewed:** 4.3 Testing Resources

**Page:** 6

**Issue/Concern found:** Might be good to reflect the compatible browsers in the User Guide. In the guide, it is not specific. Inconsistent capitalization on abbreviations. Is the Solomon software expected to be compatible with all versions of the listed browsers – i.e. both Firefox 48.0.2 and Firefox 0.1? If not, appropriate browser versions might be necessary.

**Suggestion:** Re-evaluate adding this information to user guide. Capitalize “PC.” Possible inclusion of browser versions.

**Section reviewed:** 5.1 Features/Items Not to be tested

**Page:** 6

**Issue/Concern found:** Inconsistent capitalization and punctuation.

**Suggestion:** “Not” should not be capitalized. Capitalize “PC.” “Items” should not be capitalized. Standardize spacing following “Future” and “Hardware” – either a space before/after the hyphen on both or neither.

**Section reviewed:** 6 Pass/Fail Testing Criteria

**Page:** 7

**Issue/Concern found:** “Minor defects does not determine a failure” followed immediately by defining a minor defect as “something that may cause a failure” reads very strangely.

**Suggestion:** Better define the use of “failure” here.

**Section reviewed:** 7 Risks and Contingencies

**Page:** 7

**Issue/Concern found:** Inconsistent capitalization and grammar.

**Suggestion:** Add a colon following “Risks/Contingencies.” “Training Delays” should not be capitalized.

**Section reviewed:** Section 8 Detailed Test Procedures

**Page:** 8 thru 10

**Issue/Concern found:** Test cases are not using specific input and expected output.

**Suggestion:** Provide sample inputs and sample outputs. For example, instead of “Enter username in input text block,” specify the user account you will use.

**User guide reviewed: DR SWAB\_CMSC495\_UserManual.pdf**

**Section Reviewed:** Table of Contents, 5.1 Help Facilities

**Page:** 2, 9

**Issue/Concern found:** Inconsistent formatting.

**Suggestion**: “HELP FACILITIES” is the only subheader of this type to be capitalized.

**Section Reviewed:** 1.5 Glossary

**Page:** 3

**Issue/Concern:** Inconsistent alignment on the “User” bullet point.

**Suggestion:** Correct alignment.

**Section Reviewed:** 2.2 General Description

**Page:** 4

**Issue/Concern:** Left alignment issues in section 2.2.

**Suggestion:** Correct alignment.

**Section Reviewed:** 3.1 Account Management Function

**Page:** 5

**Issue/Concern:** Figure 2, First rectangle has anchor points on the sides.

**Suggestion:** Remove anchor points.

**Section Reviewed:** 4.2 Maintain Operation

**Page:** 8

**Issue/Concern:** Contact form alignments are unusual.

**Suggestion:** Review alignment of fields in Contact form.