

Course Name: Software Engineering
Topic: Requirements Engineering
Instructor: Dr. Obuhuma James
Activity: Homework Marking Guide (Topic/Week 5)

Task:

Identify a basic retail shop in your home area that you are sure doesn't have an Information System in place for management of its operations. Perform a real requirements engineering process that will lead to the development of a Requirements Specification Documents. Ensure that the structure of the Requirements Specification Document conforms to the structure discussed in this course. Be sure to take and include some photos in your appendix that will serve as evidence for having carried out the task. [50 Marks]

The structure of the document should contain the following sections, with each section containing actual data based on what has been gathered

1. *Preface*
2. *Introduction*
3. *Glossary*
4. *User requirements definition*
5. *System Architecture*
6. *System requirements specification*
7. *System models*
8. *System evolution*
9. *Appendices*
10. *Index*

Marks allocation should be as follows:

- a) *Structure of the document [5 Marks]*

b) *Proper content for each of the following sections should accrue a maximum of 5 marks per section:*

- i. *Preface*
- ii. *Introduction*
- iii. *User requirements*
- iv. *System architecture*
- v. *System requirements*
- vi. *System models*
- vii. *System evolution*
- viii. *Appendices (including photos as evidence)*

c) *Proper address of the task (ownership and creativity)* [5 Marks]