Software Development Report Outline

**Title Page** (Title of project, Group member names)

**Abstract** (Keep it short!)

**Table of Contents** (Including tables, figures, and appendices)

**1. Introduction/Problem Definition**

1. Problem description and objectives: State your project goals and what was accomplished and why it was significant enough to justify a development project. Describe the market, or user demand, for your software.
2. Development environment: software and hardware
3. Operational environment: software and hardware

**2. Requirements and Design Description** (architecture, external and internal functions, interfaces)

Supplementary written analysis of all models (UMLs, flowcharts, user interface).

Brief descriptions to accompany each model.

**4. Implementation**

The program objectives and end user requirements (EURs). In other words, what your software is capable of. A brief explanation/pseudocode to outline it. You may need separate sections for each member of your groups’ work.

**5. Installation and Operating Instructions**

External User Documentation (User guide with installation instructions, training materials, Help files and FAQs, etc.)

**7. Recommendations for Enhancement** (What could be improved?)

**8. Bibliography** (Cite all references used, APA style)

**Appendix A**: UML Diagrams, system flowcharts

**Appendix B**: Images of the user interface

**Appendix C:** Internal Documentation (Sample doc comments, docstrings, block/line comments)

**Appendix D:** Gantt Chart

**Appendix E :** Individual student work logs.

Eg: A log book or diary of activities, like meetings attended, work completed, etc.; Source code; Revision information for code and written documents, printouts of unfinished programs or documents; Source documents, like papers, journals; Any other evidence that the student has contributed positively to the project; E-mailed documents (dated by a system such as Sandcastle)

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Figure 2: SampleTitleFigure2 ………………………………………………………………… 4

**Test and Integration ……………………………………………………………………………… 5**

Table 1: SampleTitleTable1 …………………………………………………………………… 5

Figure 3: SampleTitleFigure3 …………………………………………………………………… 5

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**Final Software Product (5% of summative)**

Submit source files via USB (fully documented program code to include doc comments, docstrings, and maybe some block comments and line comments). This will be evaluated on the basis of the quality of the product developed and the thoroughness of the individual tasks performed by each member

**Formal Report (~15% term work)**

See template for requirements

**Group Presentation of Product (5% of summative)**

Demo functional program for the class

Include packaging, and a promotion/marketing plan

Lead us through the development process and highlight challenges and successes along the way