**Initial Requirements Specification – 20 points**

**Submission**

1. Due date: Friday, Oct. 4, by 11:59pm
2. You must use Microsoft Word document.
3. Submit (a) initial requirement specification, and (b) the team report, to the repository. You must use the team report template on Canvas. **-2 points** for not submitting the team report.

**Requirement for this Deliverable**

1. Write an initial version of the requirements for your system. You will have an opportunity to modify the requirements later. You will not lose points for issues such as precision or testability.
2. Each requirement must have a unique identification number with alphabetical letters prefix for classification of the requirements. For example, you can use IN-001 to represent the input requirement with a 3-digit serial number. You can also use the first digit of a serial number to identify functional or non-functional requirement. For example, 001 or 101. You can create your own naming convention for the requirement identification numbers as long as it makes sense, and the IDs are consistently numbered. You must classify the requirements into the following categories.

(a) input – the requirements that involve getting data into the system (from files, mouse, keyboard, or other input devices.)

(b) output – the requirements that generate output (to files, printer or the screen.)

(c) process/task – the requirements that perform a task, action or computation.

(d) game rules – if you are developing a computer game, you must have the requirements for game rules, e.g. the rules for winning/losing the games.

1. You should write at least **30 requirements/tasks**, so it will be easier for your team to finish the next phase of the term project. The IDs for the requirements are for traceability at a later phase when you are conducting software testing.
2. Your team must keep a log of the times spent on the deliverable. You must use the term report template on Canvas to log the team activities. If a team member’s contribution to this deliverable is significantly less than other team members, he/she will only receive a partial credit of the total points earned by the team.
3. Grading.

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| --- | --- | --- | --- |
| **Expectation** | **Meet** | **Does not Meet** | **Missing** |
| Minimum of 30 requirements / tasks | 12 | 8 | 0 |
| Classification of requirements | 4 | 2 | 0 |
| Naming convention | 2 | 1 | 0 |
| Presentation of the Word document | 2 | 1 | 0 |
| **Total** | **20** | **12** | **0** |