**Software Engineering Project CMPS310**

**Section: B01**

**Date of Submission: 21st November 2021**

DECLARATION: *We hereby certify that no part of this project or product*

*has been copied from any other student’s work or from any other sources*

*except where due acknowledgement is made in the project. No part of this*

*project/product has been written/produced for us by any other persons*

Group Members:

|  |  |  |
| --- | --- | --- |
| **Name** | **QUID** | **Effort given** |
| Talha Abdullah Punjabi | 201903446 | 25% |
| Ibrahim Demdoum | 201701515 | 25% |
| Abd Errahmane | 201803234 | 25% |
| Salem Rashid |  | 25% |

1. **Which software development life cycle model or process will you use for this project, and why? Provide enough justifications**

**Ans)** We will use Water fall model for our project. We will use this model as it provides the following benefits:

1. One Phase/milestone at a time, it allows clarification and can lead to a satisfied result
2. All requirements are well understood and fixed from the start of developing the process
3. It has clear milestones and has 1 activity at a time, which improves quality of software
4. Possibility to revisit the previous phases for any enhancement and addition of additional information is possible
5. It is easy to understand
6. Evaluation of progress is simpler as individual activities are tested
7. Reinforces good habits like define-before-design and design-before-code
8. **Propose the followings using MS Project or similar tool: a. A Gantt chart with specific defined tasks, specific milestones and date/duration related to the project and the process used. b. A Dependency graph with specific defined task, specific milestones, duration, dates if appropriate, and dependency. Show the critical path  
   Ans) A : Grant Chart with tasks, dependencies and duration.**

Table

Description automatically generatedA picture containing table

Description automatically generated

Timeline

Description automatically generatedGraphical user interface

Description automatically generated with low confidence

Graphical user interface, application, table, Excel

Description automatically generatedTimeline

Description automatically generated with medium confidence

Resource Sheet

B :Dependency Graph that shows the network and the critical path.

Diagram

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