**Assignment # 2**

Due Date: March 6, 2020 till 11:59 pm

**How different Testing techniques/methods at different levels of Software Development (UP) are helping in improving the quality of software product(s)?**

**Guidelines:**

1. You need to talk about different types of Testing techniques/methods which are being practiced/applied in different stages of software development. In other words, you should discuss these types of testing techniques/methods by keeping in view all the phase of UP i.e. Inception, Elaboration, Development and Deployment.

2. Diagrams/pictures/images shall be highly appreciated if included with the theoretical part. Images provide better understanding to the reader along with the text.

3. If you consider traditional Software Development Life Cycle (SDLC), you may consider the following stages of software development i.e. Analysis, Design, Development, Testing, Implementation.

4. Testing techniques/methods/strategies should be included from Process level to Product level.

5. Group assignment (same group members as in project). Plagiarized/copied assignment shall be getting zero mark and the case will be taken and presented in the department for formal action (academic fraud).

6. The slides are also being uploaded to support this assignment. Moreover, you are also recommended to take extra assistance from Hybrid online study folder, books, academic websites and research papers as well.

7. Please do not forget to attach **a signed (by all members)** **‘participation index form’** as a first page of your report.

8. Only 1 file should be uploaded by the Team Leader.

**Rubric for Evaluation:**

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| --- | --- | --- | --- | --- | --- | --- |
| **Task +-** | **90% - 100 % (+&-)** | **80 %-89 % (+&-)** | **70 % - 79 % (+&-)** | **60 %- 69 % (+&-)** | **50% - 59% (+&-)** | **0 %- 49%** |
| **Relevant Theory and Diagram** | Fully covers the concepts, contents (as far as theory and diagrams are concerned) | Close to full coverage of the concepts, contents (as far as theory and diagrams are concerned) | Partial coverage of the concepts, contents (as far as theory and diagrams are concerned) | Half coverage of the concepts, contents (as far as theory and diagrams are concerned) | Very little coverage of the concepts, contents (as far as theory and diagrams are concerned) | Failed to understand the concepts given in the examination |

**Note:**  (+ & -) means that the grade may fall in sub-grades accordingly.