



United International University (UIU)

Dept. of Computer Science & Engineering (CSE)

Mid Term Exam:: Trimester: Spring 2022

Course Code: CSE 469, Course Title: PROJECT MANAGEMENT

Total Marks: 30

Duration: 1 hour 45 mins

Any examinee found adopting unfair means will be expelled from the trimester / program as per UIU disciplinary rules.

Answer all the questions.

The Scenario

Say, you have to develop a software to manage your home kitchen. You have to enter the daily purchase of supplies into a software system. Everyday, the use of materials, that is the items that are used, will also be recorded in the system. The system will produce a list of monthly use of materials, next month demand of kitchen or next week demand based on previous month usage. Now answer the followings based on this scenario.

1. Choose a software engineering methodology that you will be using to develop this System.
State some justifications 4
[CO1- Adapt a process methodology to develop a project.]
2. Write the Vision and Scope statement. 4
[CO2- Collect Requirement, Plan, schedule a project including risk assessment with proper documentation and presentation.]
3. Develop a work breakdown structure [CO2] 4
4. Say you are a team of 3 members. Use Delphie estimation to estimate the project. 4
[CO3-Estimate Cost, Optimization, and performance calculation.]
5. What are the risks involved? Mention some of the risks as per Boehms criteria. [CO2] 4
6. In one line / one diagram describe the followings 10 X 1= 10
40 hour rule of decomposition
100% rule in WBS Principle
Planned outcome, not planned actions
Risk management hierarchy
Scrum Master
Product Backlog
Pair programming
Incremental Iteration model
Estimation
Phases of Rational Unified Process
Disadvantage of Extreme Programming