Surprise Test - 1

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Semester: 4th   **Date of Performance:** 17/03/2022

Subject Name: Software Engineering   **Subject Code:** 20CST-254

Q1. A company is looking to develop a new proprietary software application that can compete amongst current social media platforms. As Chief Analyst, give an outline of the different stages of requirements engineering.

Answer:

Briefly explain requirements engineering as a process aimed at identifying the customer requirements and the constraints for its provision.

The different stages include Inception (line of questions aiming to understand the problem, the people and their expectations, the environment and its constraints), Elicitation (through meetings with stakeholders, customers, and developers), Elaboration (developing a refined technical model e.g. Use cases, of software functions, features, and constraints), Negotiation (conflict resolution or normalizing expectation and reality), Specification, Validation, Requirements management. The aim will be to establish a good foundation for the design and construction of the software.

Prototyping tools will play a major role in every stage, esp in respect of apps or tools within the social media context, where the business case can change as quickly as the preferences of different communities of users in terms of style, functionality, presentation, and usability.

Evaluation Grid (To be created as per the SOP and Assessment guidelines by the faculty):

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.			
2.			
3.			
4			