Module # 2

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Sections: D & E   **Due Date:** October 21, 2023

Instructions:

1. The deliverable should necessarily contain the discussion, comments, and conclusion about the solution. You will have maximum marks if you have done the entire task. Without that, you will not get full marks.
2. This is a **Group (3 members)** Module. **PLAGIARISM IS NOT ACCEPTABLE!**
3. Deadlines should be kept in mind **no extension** in assigned dates.
4. A single violation of guidelines will lead to **ZERO** marks in your whole project.

Congratulations! Your team has been funded to produce the

- Food Panda App (Section E)
- Hotel Reservation System (Section D)

You have already identified the requirements for the project.

Task 1: Process Model

1. Select an appropriate process model for your project.

1.1.   Provide clear justification for the process model selection.

Note: Keep track of your all iterations, you'll soon be required to submit the details of all iterations with respect to the selected process model.

Task 2: System Modeling

1. Execute **Krutchen's 4+1** view model on your project.

Key notes:

- Use case diagram of proposed system.
  - Textual description of high level and expanded use cases
  - Please follow tabular format
- An activity diagram of your system
  - Prefer using swimlanes
- Sequence diagram
- System sequence diagrams SSDs of all expanded use cases
- Data flow diagram of your system

- - Context level, level 1 & level 2
- Class diagram and domain model

2. Select an architectural style for your project
2.1. Provide clear justification for the selected style
2.2. Model your project according to the architecture style