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BSCS 3A
Software Engineering 2
Asynchronous Task 1

1. If you were leading this project, where would you focus your attention first and why?

If I were the project lead, I would prioritize and focus my attention on the core architectural design of the system and getting the rest of the team caught up with the design. This is the backbone of the system where features and reliability depend on this. Since 2 senior engineers resigned, it is important that we first understand what they built and get everyone on board. Especially since the client wants things redesigned, and any other additional features that we add to the system without knowing the architecture will make it unstable and hard to implement.

2. Identify at least three risks in this scenario. Classify them as:
   a. **Project risk**
   b. **Product risk**
   c. **Business risk**

   Project risk: Resignation of the 2 senior engineers.

   - The team lost critical members who led the architectural decision. Without them, the team will have a hard time to implement new features and understand the codebase

   Product risk: Revised workflow directives.

   - Since the client had policy changes, they wanted to revise the workflows. This introduces 3 problems such as: Reworking completed features, increasing the system complexity, and the new requirements might not be compatible with the current architecture.

   Business risk: Public expectations.

   - Since the system has gathered public and media attention, if the system doesn't meet these expectations, the company might lose reputation.

3. How would you perform risk analysis (probability + impact)?

Before identifying the risks, I would first set up the scales for probability (LOW, MEDIUM, HIGH) and impact (MINOR, MODERATE, SEVERE), then proceed to identify each risk.

Sample:

Risk	Probability	Impact
Loss of senior developers	HIGH	SEVERE
Revised workflow directives	HIGH	SEVERE
Performance Issues	MEDIUM	SEVERE
Other team members not familiar with the system architecture	HIGH	SEVERE
Project doesn't meet public expectation	HIGH	SEVERE
Time required to develop the project is not enough	MEDIUM	MODERATE