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Daffodil International University
Faculty of Science & Information Technology
Department of Software Engineering
Course Code: SE411, Course Title: Software Project Management & Documentation

Quiz 2: Time: 25 Minutes

A health insurance provider is developing "HealthTrack," a mobile application to monitor member fitness and provide insurance discounts. The project is currently in the Planning Phase. The company operates under a Functional Structure, where the Project Manager (PM) must negotiate with department heads to secure developers. Initial requirements were collected through a single interview with the CEO. Consequently, while the app tracks steps, it lacks the data security features required by legal regulators. Furthermore, the CEO recently requested "real-time heart rate syncing" via an informal email, bypassing the Integrated Change Control process.

1. (5 Marks)
Analyze the Organizational Structure of the company in this scenario. Explain how this specific structure influences the Project Manager's authority and identify one major disadvantage this structure poses for cross-departmental coordination.

2. (5 Marks)
The "HealthTrack" project is suffering from incomplete requirements. Suggest two alternative methods for collecting requirements, other than one-on-one interviews, that could have ensured the inclusion of necessary security and user features, explaining why they would have been more effective in this context.

3. (5 Marks)
Describe the Triple Constraint (Scope, Time, and Cost). Explain the specific impact that the CEO's uncontrolled request for "heart rate syncing" will have on the project's Time and Cost if it is accepted without a formal adjustment to the performance baseline.