

13 Lecture - CS403

Important Subjective

1. **What is the significance of identifying entity types in the examination system?**

Answer: Identifying entity types helps in understanding the objects or concepts that exist in the system, which is crucial for designing a robust and efficient examination system.

What are some examples of entity types in the examination system?

Answer: Entity types in the examination system can include students, courses, exams, professors, grades, exam centers, question papers, exam results, and more.

Why is the identification of entity types important in the system analysis phase?

Answer: The identification of entity types helps in defining the scope and requirements of the examination system, which is crucial for developing a comprehensive system design.

How can the identification of entity types aid in the development of the database for the examination system?

Answer: The identification of entity types helps in creating an organized and structured database that can store and manage all the information related to the examination system efficiently.

What is the relationship between different entity types in the examination system?

Answer: Different entity types in the examination system can have various relationships, such as one-to-one, one-to-many, or many-to-many, depending on the specific requirements and design of the system.

How can the identification of entity types help in developing an effective examination system user interface?

Answer: The identification of entity types helps in understanding the information and tasks that users need to access and perform, which can aid in designing an intuitive and user-friendly interface.

What are some challenges that can arise during the identification of entity types in the examination system?

Answer: Some challenges can include defining and classifying complex entity types, identifying all the necessary entity types, and ensuring the consistency and accuracy of the identified entity types.

How can the identification of entity types aid in the testing and validation of the examination system?

Answer: The identification of entity types helps in defining the expected inputs, outputs, and behavior of the system, which can aid in testing and validating the system's functionality and performance.

How can the identification of entity types help in ensuring the security and privacy of the examination system?

Answer: The identification of entity types helps in defining the access and permissions for

different users and roles in the system, which is crucial for ensuring the security and privacy of the system.

What are some potential consequences of not identifying all the necessary entity types in the examination system?

Answer: Not identifying all the necessary entity types can lead to incomplete or inefficient system design, which can result in errors, inconsistencies, or inadequate functionality in the examination system.