**Project Report: Examination System Database**

**Team Members & Roles**

**1. Ahmed Hany Ramadan**

* Handled the **database mapping**.
* Created all the required **database views** to facilitate querying and reporting.
* Developed the **Instructor-related stored procedures**.
* Established **proper linkage between stored procedures and schemas** for access control and clarity.

**2. Abdelsalam Mahdy**

* Designed and finalized the **Entity Relationship Diagram (ERD)**.
* Developed stored procedures for **Student** and **Training Manager** roles.
* Created the **initial database schema** structure.
* Built the required **schemas** to organize database objects based on user roles.
* Conducted thorough **data testing and validation** to ensure accuracy and consistency.

**3. Diaa Elsadeq**

* Implemented the **login and authentication system**.
* Managed **user permissions** based on roles (Instructor, Student, Manager, etc.) to enforce access control and data integrity.

**Summary**

The project was collaboratively built with each team member contributing to different layers of the Examination System Database. The system ensures:

* Role-based access to data.
* Well-structured and secure schemas.
* Properly tested functionality for real-world scenarios.