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COLLEGE OF ENGINEERING AND INFORMATION TECHNOLOGY

IT 108 Final Project Video Presentation

Rubric

Criteria	Description	Points
1. Database Integration & Setup	Successfully imports and uses the provided dataset. Proper DB connection, environment setup, and schema usage.	**15 pts**
2. Functional Web Application	Complete and working system. CRUD operations, correct data flow, forms, search, data display, etc.	**25 pts**
3. Advanced Database Features (Triggers, Procedures, Transactions)	Correct and meaningful implementation of: • **Triggers • Stored Procedures • Transactions** Must demonstrate these in the video.	**25 pts**
4. Database Optimization	Efficient SQL queries, indexing, partition usage, pagination, performance considerations.	**10 pts**
5. Error Handling & Data Validation	System prevents invalid inputs, handles DB errors gracefully, and gives feedback to the user.	**10 pts**
6. Video Presentation	Video includes: • Group introduction • System demo (UI + backend) • Explanation of triggers, procedures, transactions • Clear voice and visuals • Organized flow	**15 pts**