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1.0   INDIVIDUAL PROJECT SCOPES

Design and develop a web-based application according to the technical requirements as follows:

a) Development period: 25h April 2025 – 6th June 2025 (6 weeks)
b) Database: SQL Server or any suitable databases
c) Interface: Responsive
d) Script/platform: .NET 9 web application (C#)
e) Expected system: Localhost full working prototype

2.0   PROJECT SUBMISSION

1) Project report:
    1) Introduction
    2) Software, language, tools, API, templates used
    3) Development steps
    4) System interface for all users
    5) Localhost installation steps
    6) User credentials
    7) Documentation: SDD

2) Complete system files in localhost setting. Please remove unused files to minimise the submission size (make it less than 20MB)

3) Submission: 6th June 2025
                              E-Learning
                               Compress/zip all files

3.0   CASE STUDY – FYP1 SYSTEM

USERS

1) Admin
2) Student
3) Supervisor
4) Evaluator
5) Committee (according to the program)

FUNCTIONS

1.1   Admin
- 1.1.1   Manage list of academic programs, in this case study assume two programs, Data Engineering and Software Engineering
- 1.1.2   Manage lecturer list, add by admin
- 1.1.3   Manage list of committee member based on the lecturer list and academic programs

1.2   Committee
- 1.2.1   Assign domain either research or development to each lecturer
- 1.2.2   Manage student list based on student registration
- 1.2.3   Manage all proposals, view based on semester and academic session, able to view details of each proposal, evaluation result, comments, etc
- 1.2.4   Assign two evaluators to every student/proposal based on project type either research or development. The main condition is supervisor should not evaluate their own students' proposals

1.3   Students
- 1.3.1   Register personal details
- 1.3.2   Select preferred supervisor from list
- 1.3.3   Once supervisor approved by committee, display general agreement between student and SV
- 1.3.4   Submit project proposal
  - 1.3.4.1 Title
  - 1.3.4.2 Project type either research or development
  - 1.3.4.3 Fill online proposal form (the manual in PSM website) or download PDF form, print, place signature, and upload back to the system
- 1.3.5   View proposal status either accepted, accepted with conditions, or rejected from evaluator.
- 1.3.6   View evaluator comments
- 1.3.7   Resubmit proposal if the status is accepted with conditions or rejected

1.4   Supervisor
- 1.4.1   View own students based on semester and academic session
- 1.4.2   View student proposal and leave comments before evaluator assessment
- 1.4.3   View evaluation results and evaluator comments

1.5   Evaluator
- 1.5.1   View proposal assigned and download all related documents

1.5.2 Evaluate, select status either accepted, accepted with conditions, or rejected from evaluator and add detail comments