**2024 Final Year Project Topic Definition Form**

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| **Project Title:***(Please include the title of the project.)* |
| **Company details:***(Please include company information, such as: company name, physical address, web site, etc.)* |
| **Company background:** *(Please provide a brief background of the company/industry and the project environment.)* |
| **Project description:***(Please stipulate the* ***problem statement*** or ***opportunity for improvement****, and the* ***project scope****, ensuring that the 7 phases that are stipulated below, can be covered by the project. It remains the industry sponsor’s responsibility that no sensitive/confidential information is shared here.)*The problem/opportunity is that...*(Please remove the phases below – we only provide guidance on the 7 phases that need to be covered by a final year project. The scope of the project should be sufficient to ensure that the student will be able to address the phases, spending in total 400 hours on the project.)*1. Problem diagnosis (Why is the problem or opportunity relevant/significant for the sponsoring company?)
2. Literature review (How did other research scholars approach a similar kind of problem? Can Industrial Engineering techniques be applied to solve the problem(s) identified?
3. Solution requirements elicitation (What are the objectives/requirements of the solution?)
4. Solution selection (What alternative solution constructs can be used to develop/adapt a solution that will address the objectives/requirements?)
5. Solution specification (How can the selected solution be specified?)
6. Implementation (What parts of the solution can be implemented?) *Implementation is the only phase that is optional, since not all project sponsors allow for implementation. Yet, implementation allows for an extension of the project scope.*
7. Solution evaluation (Are solution evaluation results convincing in addressing the initial problem(s) and the objectives/requirements?)
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| **Industry mentorship:***(Please indicate who from the company will be mentoring the student during 2024)* |
| **Industry mentor contact details:** | *(Surname, name, title)* | *(E-mail address)* | *(Phone/ mobile)* |
| **Project topic application process: [This process remains the responsibility of the Industry Sponsor]***(The industry sponsor stipulates the preferred application process and application deadline for allocating a student to a project. Note that* ***students need to submit their******industry-allocated projects by 6 March 2024*** *to UP where after each student will be allocated to a UP study leader. Please tailor the suggested process below).**Submit your academic record via the stipulated e-mail address (above) before 28 February 17:00.**If your application is successful, we will provide feedback (by e-mail) to you before 1 March 17:00.**When you receive no feedback by 1 March 17:00, your application is unfortunately unsuccessful.* |
| **Any other relevant information:** ***(****Please include any other relevant information)* |