

Guidelines for preparing the feasibility presentation and the written proposal

Things to include

- Title
- Group members, Supervisor/s, External collaborator/s
- The problem statement
- Primary objectives
- Scope: how the primary objectives are planned to achieve
- Review of literature including alternative methodologies to achieve objectives
 - Use the IEEE citation style (<http://www.ieee.org/documents/ieeecitationref.pdf>)
- Critical evaluation of alternative strategies/methodologies in terms of engineering principles, financial and social aspects.
- Include a block diagram/flow charts etc. to show the basic architecture of the project
- Will the end solution be unique? If so, what are the benefits?
- Who are the potential customers/beneficiaries of your final outcome? National/international importance of this project?
- What are the risk factors associated with the project (financial/technical/sustainability etc.)? How would you plan to overcome if these risks occur?
- What are the resource requirements to implement proposed methodologies?
- Include a budget for the project and explain how you plan to fund it
- Task delegation among group members
- A realistic timeline for the project
- If the project is industry related and externally funded, include the following information:
 - An approval for the project from the organization stating exact expectations (note that the review panel will assess the scope and might suggest modifications so that the project fits to the status of a FYP)
 - Name and contact information of the collaborator from the external organization.

Additional Notes:

- The literature review is an essential and critical component of the written project proposal which looks at previous knowledge on the area of interest. If not presented with a greater depth, your marks will get penalised.
- Discuss and get constant feedback from the supervisor when preparing the presentation and the written proposal.
- With further modifications/additions, this document will be very helpful in writing the final project report (towards the end of semester 8), e.g. Introduction, literature review, etc.

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