AY20/21 Term2, tentative

SMT483 – Project Experience

Project Submission: Medium Article

Instructions:

1. Each team should submit only 1 document with a word limit of <u>2,000 words</u>.
2. Submissions should be done via the eLearn portal (Click on Assessment → Dropbox) as well as uploaded to medium.com.
3. You should include the suggested contents (Section 1-3) and highlight the smart city related component in your article.
4. Each project submission file should be named as follows: article-team[number].doc or article-team[number].pdf. For example, Team 1 should name their file as article-team1.doc or article-team1.pdf.
5. You do not have to include the section descriptions of this template into your article submission; these are meant to guide you in your submission.
6. Your article should be written so that it can be understood by a general lay audience, and should be organized for readability and clarity.
7. Please embed your references (as hyperlinks) in your article where appropriate.

Grading Criteria:

This project submission will be assessed **equally**, based on all the sections that are described in subsequent parts of this document.

Your article **must** incorporate all the feedback that have been given by your supervisor and sponsor at the final presentation.

Team Name

Article title

The title should be something relevant to the project that will immediately captivate the reader.

AY20/21 Term2, tentative

Executive Summary (No need to upload to medium)

*The executive summary is a brief synopsis of your project, which describes the '**what, why, how and who**' of your project. If a reader does not have time to read your full article, he/she should get the main idea of your project by reading this. Please ensure that the flow is logical, and be as concise as possible, leaving out the details to the later sections.*

*Please keep this section strictly to 150 words or fewer. You **will** be penalized for exceeding the word limit.*

Section 1 - Problem Statement

Clearly articulate the background situation, and importance of the problem that your team is solving. Use statistics, quotes and links to articles to support the problem statement.

What are the existing ways (both technical and non-technical) to solve the situation? What are the limitations of these existing solutions (e.g. too expensive, too complex, not sufficiently accurate)?

Who are the groups of people and/or entities who are affected by this problem? Describe how your solution can potentially benefit and impact different stakeholders. You should identify at least 2 different groups of stakeholders.

Section 2 - Solution Concept & Implementation

*Provide an overall **high level description** of your solution/product/analysis. Highlight what is novel as well as how and why it is better than existing solutions/products/analysis in the market. You should use diagrams and/or figures as this will significantly help the reader in understanding your solution.*

Section 3 – Challenges, Insights and Lessons Learnt

Describe the results and insights that you have derived based on your project outcomes:

- *Based on your project outcomes, do you think they are appropriate/sufficient to solve the problem statement? What is your sponsor's feedback/receptiveness towards it? Are there aspects to which they think your solution/product/analysis can be improved, and do they have any concerns?*

- *What are the challenges you faced? For instance – are the sensors accurate enough, did you have sufficient real data, did you make any simplifying assumptions during the design?*

- *Are there any limitations of your solution/product/analysis? Describe how you might do things differently to overcome these limitations, or to improve it.*

AY20/21 Term2, tentative

References

You may refer to the following for tips on how to write and format your medium article:

https://medium.com/blogging-guide/medium-article-formatting-guide-with-visuals-62a55abc133c

https://medium.com/the-ascent/what-writing-1-6-million-words-on-medium-can-teach-you-a878d9c6a0de