TPT3101 Final Year Project (FYP1) Meeting Log
Trimester 1, 2022/23 (Trimester ID:2210)

Meeting Date: 6/1/2022	**Meeting No.:** 5
Meeting Mode: **Physical**	
Project ID: 2078	**Project Type:** **Research-based**
Project Title : **Satellite Image Segmentation using Vision Transformer**	
Student ID : 1201302740	**Student Name:** **Muhammad Haziq Faiz Bin Mohd Ripin**
Student Programme and Specialisation: **B.C.S (Hons) Data Science**	
Supervisor Name: **Dr. Loh Yuen Peng**	**Co-Supervisor Name:** **(if applicable)**
Collaborating Company: **(if applicable)**	**Company Supervisor Name:** **(if applicable)**

1. WORK DONE

[Please write the details of the work done, after the last meeting]

Tasks: Problem Formulation and Project Planning / Background Study or Literature Review / Requirement Analysis or Theoretical Framework / Design or Research Methodology / Prototype Development or Proof of Concept / Draft Report Completion
(Please strike out the tasks, which are not applicable for the work done, after the last meeting)

Details (in point form):

- Did corrections on my chapter 1,2 and 3.
- Ran a baseline on DC-Swin on LoveDA dataset with pretrained weights.
- Start writing chapter 4 and 5

2. WORK TO BE DONE
[Please write the details of the work to be done, before the next meeting]

Tasks: Problem Formulation and Project Planning / Background Study or Literature Review / Requirement Analysis or Theoretical Framework / Design or Research Methodology / Prototype Development or Proof of Concept/ Draft Report Completion
(Please strike out the tasks, which are not applicable for the work to be done, before the next meeting)

Details (in point form):

- Run a baseline model of UNetFormer and DC-Swin.
- Get the performance on the baseline model.
- Figure out how to run the models on google colab or paperspace as my computer is inadequate for the training.

3. PROBLEMS ENCOUNTERED AND SOLUTIONS
[Please write the details of the problems encountered, after the last meeting and provide the solutions / plan for the solutions]

- Had a problem with uploading datasets to Google colab.
- Had a problem with installing GeoSeg on Google colab.
- I am still figuring out the solution to the problems above.

4. COMMENTS (Supervisor / Co-Supervisor / Company Supervisor)

Problems with installation in Google Colab might be due to versioning issue or old package that the library was built on.

If this is not a problem using in local machine (only due to processing power limitation), then try to wrap your code and a research PC can be allocated for you to run the main training on. This may be on sharing basis.

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Supervisor's Signature

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Student's Signature

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Co-Supervisor's Signature
(if applicable)

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Company Supervisor's Signature
(if applicable)

IMPORTANT NOTES TO STUDENTS:

1. Items 1 – 3 are to be completed by the students prior to the meeting. Item 4 is to be completed by the supervisor / co-supervisor / company supervisor.

2. Student has to upload the soft copies of the meeting logs in Google Classroom and also attach them along with interim (FYP1) report.
   Minimum requirement is SIX Meeting Logs (Period: Week 3 to Week 13). Students can have fortnightly meetings with the supervisor.

3. Log sheets provide the basis for evaluating the General Effort (Project Management, Attitude, and Technical Competency) of the student, by the supervisor and also for checking the attendance requirement of the student, by the FYP Committee.

   This also provide the student with feedback from the supervisor / co-supervisor / company supervisor on the tasks done and provide the plan for the upcoming tasks. This can provide the motivation for the student to give consistent and efficient effort throughout the period of FYP.

4. Student who fails to meet the minimum requirement (six nos.) of log sheets will not be allowed to submit FYP report.