# Suggested Progress Plan for SIT723 Students

# *Diagram Description automatically generated with medium confidence*

Figure 1 - Suggested Progress Plan in SIT723

Figure 1 shows the suggested plan for research project progress in SIT723. Note that these are only suggestions and your actual project progress should be in line with the expectations of the supervisors, because each research project might have different context.

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| Weeks | Suggested Plan |
| Week 1 | Project Understanding and Setting up the required environment for the project |
| Week 2 | - Formulating search queries to find literature relevant to a given topic and/or project;  - Retrieving and scanning the identified resources and assessing their relevance for the project work to be undertaken; |
| Week 3 | - a summary of the process used to identify relevant literature artefacts, along with the search queries used;  - relevant literature and/or other artefacts relating to the current literature in the project’s scope;  - a basic classification of the literature artefacts (i.e., grouping the artefacts into high-level groups that each discuss a particular aspect) -- you can use EndNote for this as well;  - share the literature review draft with your supervisors; |
| Week 4 | - Revised literature review by addressing all points of your supervisor(s)' feedback on your literature draft and any additional material you deem fit; |
| Week 5 | - A description of your project. By this stage, the aims and scope of the project now should be well defined;  - \*List of research questions\* you intend to answer throughout the rest of your project, with the description and motivation of your research questions (based on your literature review);  - \*List of resources\* you will require to address the research questions and a discussion on how you will be given access to these resources (if already known);  - Share research design with your supervisors; |
| Week 6 | - Revised research design by addressing all points of your supervisor(s)' feedback on your research design draft and any additional material you deem fit;  - Details of Methodology and Experiment designs;  - Overview of data required for your evaluation and the plan for acquiring or collecting that data; |
| Week 7 | - description of the minimum-viable artefact that you plan to develop. The artefact as discussed on cloud site, depends on your project's context, for e.g., a software or hardware prototype;  - explanation on the relevance of your artefact in the context of your research project, i.e., how will the artefact help you address the research questions;  - discussion on how do you plan to evaluate the artefact against your research questions;  - overview of what you can achieve within the first sprint in SIT723 - discuss what do you plan to achieve within this sprint and requirements (if any), and plan for evaluation; |
| Week 8 | Progress on artefact development and share the details with your supervisors for feedback. |
| Week 9 | - discussion on artefact developed (so far) and evaluation of the artefact (if any);  - details of data collected, data collection procedure, experimental procedure, and the analysis procedure;  - lessons learned in the sprint;  - results of the artefact analysis; |
| Week 10 | - Put together all the elements produced so far in a coherent research report following the guidelines presented in the workshops, assessment rubric, and your supervisor’s advice;  - Share the draft with your supervisors for feedback; |
| Week 11 | - Work on your supervisor’s feedback on the research report  - If you are not continuing in SIT724, package all the artefacts, reports and material into a handover package with appropriate documentation;  - Prepare a research presentation video; |
| Week 12 | Finalise and submit your research report, and learning summary report. |