**RESEARCH PROPOSAL – MIT HUB**

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**Select a Main Topic: (A topic related to hot topics of software from the suggested list on Canvas)**

**Topic:** Mobile Application

**Research Proposal Title (3-15 words):** Mobile Application Development for the MIT community.

**Describe the issue/problem/opportunity of the proposal?**

There is an opportunity at MIT to develop a mobile application that will act as a hub for all stakeholders (specially students);

* Share ideas
* Exchange services
* Exchange knowledge
* Social interactions

**Aim and Objectives (1 aim and multiple objectives)**

The aim of this project is to facilitate MIT students with better communication/interaction within the MIT environment. The objectives are;

* Research on different features that could be added onto the application.
* Research on the most useful categories within the app that would be beneficial to the app users
* Develop the app based on the research

**Scope of your research (try to make it narrow):** To create an android application that will act as a mobile hub for MIT students and staff.

**What software methodology will be used and why? Resources needed.**

As we are creating a mobile application, we will be using the Software Development Life Cycle (SDLC) to run our project. To be more specific, the waterfall model since we are creating an app based on our own ideas, therefore we will have all our requirements identified up front. The other major reason for using the waterfall model is because the project is not large enough to use other complex methodologies. The resources needed are the requirements from students, lecturers and staff as well as other similar applications for design ideas.

**What research question(s) are you trying to answer (only 1 question?)**

Is there an opportunity to facilitate better interaction and communication on the go within the MIT community?