Open Alexandria

Team members: Brian Chan, Xu Han, Do Bor Shiuan Chen, Hongda Zeng

## **Problem Statement**

Many file sharing and education sites cost money and are not open source. This often results in locked features and slower development. We want to provide a free, open-source, secure, in-depth education sharing platform where users can help each other in academia or even contribute code to the site.

## **Objectives**

* Create an application to manage and share files
  + Crowdsourcing student generated files
  + Manually allow any users to upload documents to user created groups
  + Allow tags, ratings, and comments of documents
  + Allow students to ask and answer questions from peers

## **Stakeholders**

|  |  |
| --- | --- |
| *Users:* | Students and teachers |
| *Developers/ Project Owner:* | Brian Chan, Xu Han, Do Bor Shiuan Chen, Hongda Zeng |
| *Potential Product Owners:* | Any organization/individual that wish to provide a valuable service to students and teachers |

## **Deliverables**

We will deliver an application accessible by web that will fulfill the objectives stated above. The technology stack we are looking to utilize is as follows:

* NodeJS on the Backend.
* PostgreSQL for the Database.
* HTML/CSS/JS for the Frontend.