

SUB GROUP NAME

- Core Python

STUDENT INFO

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CODE SAMPLE

- Link to the code sample that I wrote for this project
 - http://bugs.python.org/file42269/pip_gui_v2.py

PROJECT INFO

- Proposal Title
 - A GUI (Tkinter) Front End for PIP
- Proposal Abstract
 - A tkinter based GUI for pip which make pip more user friendly for those who are not familiar with command-line interface. Command such as pip install, pip uninstall, pip search, pip list and etc can be done by just clicking a button.
- Proposal detail description / Timeline
 - Before April 23rd
 - Familiarize myself with tkinter library
 - Read some of the pip library to have a general knowledge about how it function
 - April 24 - May 22
 - Reach out to mentors and learn more about their opinions on the project like what can be improve
 - Based on mentors' suggestion, learns the skills that I need to complete the project
 - May 23 - May 30
 - Code for the user interface for the pip
 - May 31 - June 6
 - Code for the function of the search tab
 - The detail of the package should be able to show
 - The install button should also be functional
 - June 7 - June 13
 - Code for the function of installed package tab
 - The list and detail of installed package should be able to show
 - The update and uninstall button should also be functional
 - June 14 - June 20
 - Code for the menubar
 - The PIP, Setting and Edit menu should be functional
 - June 21 - June 28

- Midterm Evaluation
- June 29 - July 12
 - To improve the code after the evaluation of mentor
- July 13 - July 19
 - Learn about writing test for program
 - Learn the unittest and test library of python
- July 20 - July 26
 - Code for the test program
 - Debug any unexpected behaviour
- July 27 - August 2
 - Write the documentation
- August 3 - August 15
 - Communication with mentors to see if there is any improvement about the project can be done
 - Try to meet the mentors' expectation
- August 16 - August 24
 - Submit the project

OTHER COMMITMENTS

- Do you have any other commitments during the main GSoC time period, May 23rd to August 23rd?
 - **NO**
 - Do you have exams or classed that overlap with this period?
 - **I have 6 exams in between May 26th to June 8th**
 - Do you plan to have any other jobs or internships during this period?
 - **NO**
 - Do you have any other short term commitments during this period?
 - **I plan to go for a trip for 4 days**
- Have you applied with any other organizations? If so, do you have a preferred project/org?
 - **NO, this is the ONLY project that I apply**

EXTRA INFORMATION

- University Info:
 - University of Technology Malaysia
- Major:
 - Computer Science
- Current Year and Expected Graduation Date:
 - First Year Student
 - Expected Graduation Year: 2019
- Other Contact Info:
 - Facebook:
 - <https://www.facebook.com/eric.khoo.12>
 - WhatsApp:
 - +6010-8865122
- Why Me:

- I'm familiar with python and C++ programming
- I'm willing to learn any new concept and knowledge to achieve the target that I set
- I'm a fast learner, self-motivated and discipline person.