**Requirements Analysis Document**

**Notes from Client:**

* Please do Bachelor of Science requirements first (more BS majors).
* Pop-up Window example: There are 3 tiles with “Skills Enhancement” It would be great to be able to write in the courses that are used for this requirement.
* Pop-Up Window example: for CRIMJ 290: “Intro to Fieldwork” – Taken Prior to or concurrently with CRIMJ 250W (Prior to Professional Internship).
* Pop-up Window example: CRIMJ 450W – Taken after an internship or concurrently, Senior year, preferably last semester.

**Challenges from Client:**

* Can an interactive program be created where students can check off requirements as completed (Perhaps they slightly grey out ) and it is clear to see what conditions are remaining to meet graduation requirements?
* Can it have pop-up windows of information? (example indicating sequence in sequential courses?)
* Possible to make each square a “tile” and move the tiles to different semesters if completed in a separate order?

**Approach from the team:**

* Use a python library for Graphical User interface (GUI) and implement the flowchart and its functionality,
* Or, use a website and his premium option to design a more accessible approach.

**Possible Examples and Ideas:**

* PyQt5, Tkinter, Trello, Wix, Weebly.