Software Engineering

# Requirement

* [Git](https://backlog.com/git-tutorial/tw/intro/intro1_1.html) :Please Finish reading the series article before you start coding (2021/10/3)
* [Coding Style for Python](https://iottalk.vip/static/pystyle/index.html) : Please follow the coding style that in the article (2021/10/3)
* English :comment , documents all in English
* Meeting :Every Tuesday 8:00 pm (typically within one hour) If you can’t attend the meeting, please inform us in advance

# Language we may use

* [Python](https://docs.python.org/3/tutorial/) :Have a basic knowing about python syntax
* [MarkDown](https://markdown.tw/): For writing document. [Example](https://github.com/matterport/Mask_RCNN)
* [UML](https://plantuml.com/zh/class-diagram): For writing document
* [SQL](https://www.w3schools.com/sql/): Access Database

# Tools we may use

* [Git](https://git-scm.com/downloads)
* [GitHub Desktop](https://desktop.github.com/) :Not Required, but recommended
* [Visual Studio Code](https://code.visualstudio.com/): Not Required, but recommended
* [Google Calendar API](https://developers.google.com/calendar/api/v3/reference/events/delete)
* [MySQL](https://www.w3schools.com/python/python_mysql_getstarted.asp)

# Team member

* 謝鈞曜: Team Leader, Project Manager, Programmer
* 廖聖郝: Program Manager, Programmer
* 卜啟皓: Designer, Programmer, Document
* 黃晨恩: Programmer

Virtual Room Reservation Assistant

# Abstract

* The department would like a room reservation assistant to help manage meeting rooms
* The system must be integrated to Google calendar, or similar, services and send meeting reminders
* Current Room availability should be included

# Details

* Each meeting’s information shall be editable
* The meetings involving a specific person shall be viewable
* Email invitations shall be sent to members of the meeting, regardless of whether the meeting is new or not.
* Email meeting cancellations shall be sent to members of the meeting if the meeting is cancelled OR they are disinvited

# Structure