# Work Flow

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|  | Date: 2nd January -2020  Task | Errors | Solution |
|  | Build Basic Flask server and install Dependencies | MysqlClient dependency not installing for mysql server connection to flask server. | Installed using .whl file from unofficial python binaries site. |
|  | Selected API to work on. | Some APIs did not provide any data. | Managed to find 3 working ones. |
|  | Made Blueprints and models for each API. | Sqlalchemy db circular import error. | Used Factory pattern for application |
|  | Stored data from API in mysql server | No error |  |
|  | Date: 3rd January -2020  Task | Errors | Solution |
|  | Fetch data from each API Separately, then commutatively. | Convert mysql query to json. | Solved by converted to python dictionary then json. |
|  | Implement flask migration | No errors |  |
|  | Implement restful API | Json data has trailing slashes | Using Jsonify library solved it |
|  | Install docker docker-compose | Host not found error | Added registry IP to etc/hosts  Logged in to docker |
|  | Docker container for mysql server | No errors |  |
|  | Docker container for flask server | Pip command not found  Meta data for alpine not retrieving | Pip does not come installed with python anymore in alpine. Installed pip separately. |
|  | Connect flask container to mysql container |  |  |