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# Feedback | Group 5

## Milestone 1 | 2Oct-13Oct

1. **Define the problem: ** done
    - Well defined!
2. **Finalizing roles:** done
3. **Create a product roadmap and prioritize functionality (items)** partially done
    - In the roadmap, I found the term dashboard a couple of times. Are you going to build a dashboard?
    - We have an API developer Db developer, while you have mentioned Back-End and Front-End
    - there is a need to fix this (I have posted tasks for Milestone 2 you can use them as well)
4. **Creating the GitHub repository included readme.md and .gitignore (for Python) files:** done
5. Create a virtual environment in the above repo and generate requirements.txt (venv must be ignored in git) done
6. Push *point 1, point 3, point 5 (requirements.txt).done
7. Complete the first chapter of Developing Python Packages completed by everyone
8. Create a private Slack channel in our Workspace and name it Group-{number} done
9. Schedule a call with me and Garo or come during office hours. done

Continue, according to the roadmap and also add the tasks for milestone 2 required by me,

**Grade:** 8/10 Good job!

# Milestone 2 | 16Oct-27Oct

## Fixes From the Milestone 1

Fixes were note required!

# Milestone 2

**Overall you did an excellent job!**

Inside of the package you cannot have `ipynb` (data_generator.ipynb) files

1. **DB developer:**
    - Design the database using Star schema (provide ERD): done
    - Insert Sample to data done
2. **Data Scientist:**
    - Complete data generation/acquisition/research: done
    - Select data from DB: done
    - Insert data to DB: done
3. **API developer:**
    - Select data from DB done
    - Insert data to DB done
    - Update data in DB done
    - I would recommend using `SQLHandler()` for crud, in order to avoid redundant functions.
4. Finish the second chapter of Datacamp course done by everyone
5. Finalize file/folder structure: relative imports must work properly done, just remove notebook file
    - docs folder: putting all the documents there done
    - models folder: putting modeling-related classes, functions done
    - api folder: api related stuff done
    - db folder: db related stuff done
    - initialize `__init__.py` files accordingly (see Datacamp assignment chapter 1 and chapter 2) done
    - logger folder: I will provide this module done, try to use them in your py files
    - `basic_clv.py, convert.ipynb,model.py` must be out of the package, in your case out of CLV folder

*I can see multiple contributors!*

**Grade:** 20/20

# Milestone 3 | 30Oct-10Nov

1. Finish the **third** chapter of Datacamp course (please complete only the 3rd one) done by everyone
2. **API Developer:**
    - Create a `run.py` file for an API (find the minimum workable example here). You have already done this
    - Test it on swagger You have already done this
    - following request types must be available to test (GET, POST, PUT), will provide more details on Friday. You have already done this
3. **DB developer:** You have already done this, complete all the methods
    - complete/fix the methods from `SQLHandler()` class
    - finalize the documentation for `schema.py` by using `pyment` package done
    - finalize the documentation for `SQLHandler()` by using `pyment` package done
4. **Data Scientist:** start working on modeling part, by selecting the data from SQL DB
    - we just need to run sample model and store the output to sql done
5. **Product Manager**
    - since you have partially done 1-3 points, concentrate on the application scenario done

**Grade:** 30/30 Good Job!

## Milestone 4 | 26 Nov-6 Dec

1. Complete the Datacamp course
2. Create an `example.ipynb` file and implement all the functionality of the package (make shure to make do it chunk by chunk, in order to convert it `reveal.js presentation). This is going to be part of the demo
3. As soon as you finish the documentation us `Mkdocs` in order to generate docs.html file, which is going to be hosted on GitHub
4. publish you package to `pypi.org`