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Feedback | Group 2

Milestone 1 | 2Oct-13Oct

1. **Define the problem:** done
    - Overall Good
    - By the end of 2nd milestone, it is expected to specify the CLV calculation method (we are going to cover it)
    - There is a need to define business settings
2. **Finalizing roles:** done
3. **Create a product roadmap and prioritize functionality (items):** not done
    - The Front-End part is confusing. Are going to have a UI Layout? Where is DB developer?
    - In must-have, you have mentioned Visualizations?
4. **Creating the GitHub repository included readme.md and `.gitignore` (for Python) files:** done
    - done partially: during the remote repository initialization, you should have selected add .gitingorne with the Python option
5. **Create a virtual environment in the above repo and generate requirements.txt (`venv` must be ignored in git)** done
    - it seems you did with conda create, without adding `--no-default-packages` option. As a result, we have a bunch of extra packages.
    - please fix it and push it to GitHub by the end of Milestone 2
6. **Push *point 1, point 3, point 5 (requirements.txt)*.** not done:
    - see point 5
7. **Complete the first chapter of Developing Python Packages:** done
    - 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 the office hours:** done

By the end of the Milestone 2, you must complete the tasks mentioned above. Feel free to reach out if you have any questions.

- CLV calculation method
- Business Model
- Add high-level tasks for DB developer (this one you will find on Milestone 2 as well)
- Fix requirements.txt

Grade: 5/10

Milestone 2 | 16Oct-27Oct

Fixes From the Milestone 1

I can see that you have managed to fix:

- The requirements.txt
- `gitignore`

Milestone 2

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
    - I couldn't reproduce data insertion as csv files are in data_csv folder,unlike in your code
3. **API developer:**
    - Select data from DB done
    - Insert data to DB done
    - Update data in DB wrong arguments
4. Finish the second chapter of Datacamp course done
5. Finalize file/folder structure: relative imports must work properly not done
    - docs folder: putting all the documents there not done
    - models folder: putting modeling-related classes, functions not done
    - api folder: api related stuff not done
    - db folder: db related stuff not done
    - initialize `__init__.py` files accordingly (see Datacamp assignment chapter 1 and chapter 2) not done
    - logger folder: I will provide this module done

I can see only Anahit's contribution on GitHub

In order to improve you performance I would recommend:

- approach the datacamp course seriously (it is obvious You are just taking the hints and completing it)
- come to office hours
- request calls **in advance**
- if you are stacking on one problem too long, it simply means you are doing it wrong: the goal of the project is not a panishment
- no need to have too much code, without proper environment setup

By the end of the 3rd Milestone you must:

Fix folders and their relationships.

If you manage the complete the above points by Friday(before the class) you will get **20/20**

Grade: 10/20

Milestone 3 | 30Oct-10Nov

1. Complete things from *Milestone 2*
2. remove M2 M1 folders, we need to have one folder- the name of the package, and its subfolder-modules
3. Finish the **third** chapter of Datacamp course (please complete only the 3rd one)
4. **API Developer:**
    - Create a `run.py` file for an API (find the minimum workable example here)
    - Test it on swagger
    - following request types must be available to test (GET, POST, PUT), will provide more details on Friday.
5. **DB developer:**
    - complete/fix the methods from `SQLHandler()` class
    - finalize the documentation for `schema.py` by using `pyment` package
    - finalize the documentation for `SQLHandler()` by using `pyment` package
6. **Data Scientist:** start working on modeling part, by selecting the date from SQL DB
    - we just need to run sample model and store the output to sql