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Feedback | Group 4

Milestone 1 | 2Oct-13Oct

FEEDBACK FOR MILESTONE 1 | Group 4

1. **Define the problem: ** done
    - Well defined!
2. **Finalizing roles:** done
3. **Create a product roadmap and prioritize functionality (items)** done
    - I really liked the roadmap and the set of tasks you are going to receive from me almost the same as in your roadmap
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 done
    - Completed by everyone (except Vahagn Tovmasyan (-3 points))
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: 10/10 Good job!

Milestone 2 | 16Oct-27Oct

Fixes From the Milestone 1

Fixes were note required!

Milestone 2

1. **DB developer:**
    - Design the database using Star schema (provide ERD): done

    - Insert Sample to data done
    - the structure is wrong
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 not done
    - Insert data to DB not done
    - Update data in DB not done
    - api module must be inside of the package; I cannot see your package structure(just change the name etl to a relevant name). See, the etl forder is structured as pacakge, meaning that you should move api folder there with corresponding __ init __.pys
4. Finish the second chapter of Datacamp course done by everyone
5. Finalize file/folder structure: relative imports must work properly not done see point 5
    - 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 multiple contributors

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)
- start to work on group project before the deadline

Remember you are building a package, like in the Datacamp you must have following file structure:

```
| GitHubRepo
    | PackageName
        |SubPackage_1
            modlule1
            __init__.py
        |SubPackage_2
            module2.py
            __init__.py
        __init__.py
    setup.py
    example.py/ipynb (from PackageName import SomeModule)
```

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: 15/20

Milestone 2 | Revision

You have managed to fix all the requirments on time.

The things to fix though:

- `FillTables.py` must be out of the package (see above structure)
- Just change the name of the packaage and instead of `how_to_use.txt` update `readme.md` file.

Revised Grade: 20/20

Milestone 3 | 30Oct-10Nov

1. Complete things from *Milestone 2*
2. Finish the **third** chapter of Datacamp course (please complete only the 3rd one)
3. **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.
4. **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
5. **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
6. With **product manager** Work on application scenarios and come up at least two use cases.