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# Feedback | Group 3

## Milestone 1 | 2Oct-13Oct

1. **Define the problem:** not done
    - Please change the file format from `.txt` to `.md`, as it is not readable
    - I couldn't understand the link between your problem and Marketing.
2. **Finalizing roles:** done
3. **Create a product roadmap and prioritize functionality (items):** done
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
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.

Explain the Problem and the Solution

**Grade:** 8/10 (I hope you will explain me your project)

# Milestone 2 | 16Oct-27Oct

## Fixes From the Milestone 1

I can see that you have changed the topic into book recommendation. In the problem definition I'd like clearly see the recommendation approach.

## 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 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 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
        utils.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

**Grade:** 10/20

## Milestone 2 | Revision

You have definitely improved however the structure still is not the same is an the above schema (check one more time, I added `utils.py` place as well).

- Create package and insert modules there
- Please remove `_Folder` suffix from your directories.
- Keep Data_Folder (Data) folder out the package
- No need to `__init__.py` in Docs folder

**Grade:** 15/20

# 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 done
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