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Feedback | Group 7

Milestone 1 | 20Oct-13Oct

1. **Define the problem**
2. **Finalizing roles**
3. **Create a product roadmap and prioritize functionality (items)**
4. **Creating the GitHub repository included readme.md and `.gitignore` (for Python) files**
5. **Create a virtual environment in the above repo and generate requirements.txt (`venv` must be ignored in git)**
6. **Push *point 1, point 3, point 5 (requirements.txt)***
7. **Complete the first chapter of Developing Python Packages**
8. **Create a private Slack channel in our Workspace and name it Group-{number}**
9. **Schedule a call with me and Garo or come during the office hours:**

I am giving you high grade for not providing high feedback on time, also to motivate you to work better.

Grade: 10/10

Milestone 2 | 16Oct-27Oct

Fixes From the Milestone 1

You have managed to fix everything from Milestone 1.

Milestone 2

Overall the structure is not correct. According to the current status you have package named **etl**, and **fastapi** **empty** directory.

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**
- It would have been better to collect all the csv files in one folder named **data**

3. API developer:

- Select data from DB **not done**
- Insert data to DB **not done**
- Update data in DB **not done**

4. Finish the second chapter of Datacamp course **done by everybody**

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) **partially done**
- logger folder: I will provide this module **done**

I can see multiple contributors (Lilit and Artashes), however **Petros** as a Database developer hasn't done anything. Thus, **-3** points for him.

In order to improve you performance I would recommend:

- to 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
```

```
    module1
      __init__.py
  |SubPackage_2
    module2.py
      __init__.py
  __init__.py
setup.py
example.py/ipybn (from PackageName import SomeModule)
```

By the end of the 3rd Milestone you must **fix folders and their relationships**

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

Grade: **10/20**

Milestone 3 | 30Oct-19Nov

1. Complete things from *Milestone 2*: by fixing **done**
 - restructured, change the name of package from **etl** to a more meaningful name
2. Finish the **third** chapter of Datacamp course (please complete only the 3rd one) **done by everyone except Lilit Petrosyan**
3. **API Developer**:
 - Create a **run.py** file for an API (find the minimum workable example **here**) **done, folder structure of an api directory is wrong. api is yet another module in your package**
 - Test it on swagger **done**
 - following request types must be available to test (GET, POST, PUT), will provide more details on Friday. **done**
4. **DB developer**:
 - complete/fix the methods from **SQLHandler()** class **done**
 - finalize the documentation for **schema.py** by using **pyment** package **done**
 - finalize the documentation for **SQLHandler()** by using **pyment** package **done**
5. **Data Scientist**: start working on modeling part, by selecting the date from SQL DB **done**
 - we just need to run sample model and store the output to sql

Grade: 28/30

Milestone 4 | 26 Nov-6 Dec

1. Complete the missing things from Milestone 3
 2. Complete the Datacamp course
 3. Complete the documentation
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Optional for the Milestone 4 , mandatory for the group project:

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