# TeamWork as Software Engineer
## Season 2024-I
## TeamWork Guidelines

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As follows I just want to provide you some recommendations, based on my experience, regarding the teamwork you should do in order to accomplish your course project:

1. Create a *git* repository just for your project. In the creation in `GitHub`, add a **README.md**, a **.gitignore** based on *python*, and a **LICENCE** GNU/GPL related to open source.

2. Create a folder for the code called **src**, another one called **docs**, and complete the **README** with a beautiful summary about your business model and the repository structure.

3. Make **atomic commits**, with a good description, just a `couple of files` per commit, it will help you in case you need to reverse anything.

4. Remember, I can see your *contributions and dates*. Try to define `sprints of one week`, it means define **tasks** (small goals) *week by week* and upload the code and documents to accomplish your week tasks.

5. I know you are not expert on *agile methodologies or software documentation*, but you could do it, give your best. Always your *python code* must have **docstrings**, and if it is possible `type hints`.

6. Use the **docker** deployments I made for the course in order to apply `final user tests` of your application. Also, add simple **unit test** in order to check the things are working as you *expected*.

7. **GitHub** has an option for a *task board* (similar to `Trello`), and you could organize there the **tasks** you will assign as a team. It could be a good option if you want to have more *control* on your **project progress**.

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8. Create a **branch** per each *team member*, developer. At the end of the week, `commit all your work`, and ask a **Pull Request** to the `main branch` and put any team member as **reviewer**, this is important for *quality assurance.*

9. Sometimes it is normal to have some **bad moments** working in a team. Try to be `responsable`, `respectful`, and `patient`, and be an example (and a *leader* sometimes) for your teammates. Keep **focus** on the **final goal**.

Any doubt related to any recommendation, ask me at class, or in students attention time, or by the slack channel of the corresponding course.