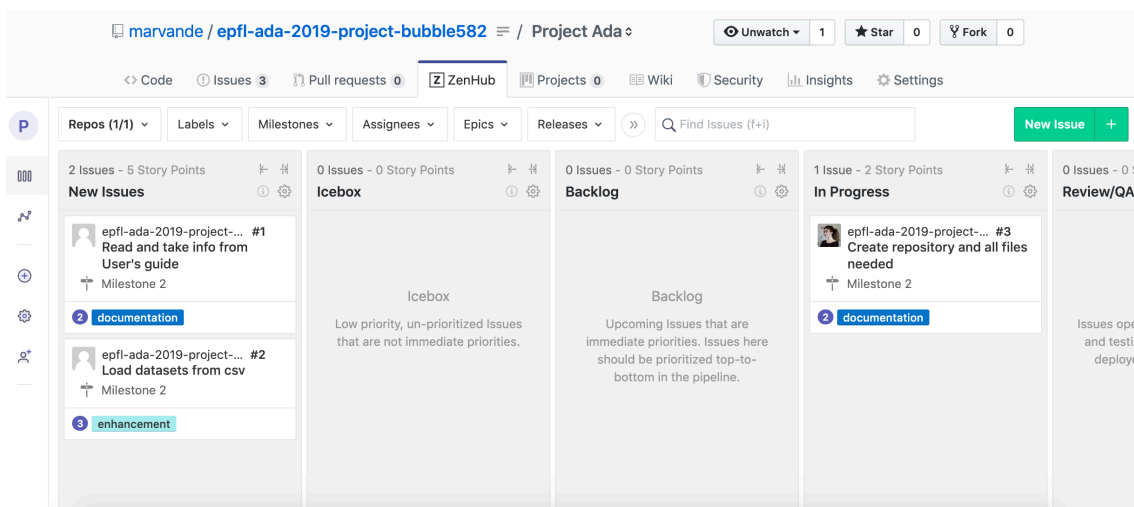## TO ZENHUB OR NOT TO ZENHUB:

A. What is Zenhub ?

ZenHub is a plug in for github based on Scrum. Scrum is an agile process framework for managing complex knowledge work, with an initial emphasis on software development. Basically, it is like the project pipeline we had before but fancier.

B. How does it work and what can I do with it ?

It's an easy framework to implement tasks and set up a pipeline (another word for a fancy to do list for our project).
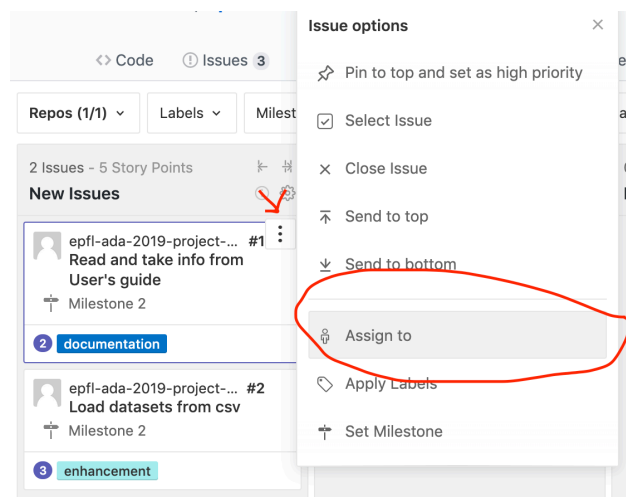
When you open your github after installing zenhub (link), you should see the following:

1. Different pipelines (columns):

The columns are pipelines that represent the following:

- **New issues:** Newly created issues are put there. Ideally, issues should be ordered according to their priority (highest priority on top, you can move them manually by dragging them). You can either create a new task or add yourself to an existing task like this :

Note: several people can be put on the same task if it's big.

- **In progress:** When you add yourself to a task and started working on it, move the issue to the progress column.
- **Review and Q&A:** Issues that are open for review. This means that once you've finished an issue, move it to Q&A so that one of the team members can review it and check if everything is correct and give feedback.
- **Done:** Move issues there once they have been reviewed and the code **works**.

2. **Creating an issue:**

Once you've clicked on "new issue" you need to provide a bit of information about the task.

- **Title and small description of the task**: try and be as precise as possible on what needs to be done ☺

- **Labels:** you can choose a theme for your issue so that other team members can directly see what it's about. You can add several labels! I'd advise to use mostly:
  - Bug: in case this issue requires a bug to be solved
  - Documentation: speaks for itself
  - Enhancement: general coding issue
  - Help wanted: obvious
  - Invalid or duplicate if you see that an issue someone else added is a duplicate or seems fishy!
- **Milestone:** choose whether the issue belongs to Milestone 2 or 3.
- **Assignees:** here you can assign yourself or leave it blank if you want to leave it as task for someone else. You can also choose someone else to assign it to if you want to be direct ;)
- **Estimate:** They're unitless scales of measurement which are sized in relation to other tasks. An estimation on how complex the issue is (not a time estimate). By default ZenHub comes with default story point values that follow the Fibonacci sequence. Usually we interpret them something like this:
  - 1 : easy peasy
  - 2 - 3: still easy but requires a bit more time
  - 5 – 8 : moderate but more time, 2-3 hours work time
  - 13: more difficult, requires several people on it probably.

- +13: hard to estimate, needs to be cut down to other tasks and needs to be looked at with the team members
- **Epics and Release:** not going to use that.