**Biweekly status report**

**Charaf Lachouri**

**3/4/2023**

I think the last two weeks of my personal progress on our project were pretty productive, in the following steps I will try to break down what we have achieved so far on personal level :

**Week 6 February 22, 2023**

* I went over chapters 6, 7 and 8 of “Fundamental of Project Management”, also chapter 8 of “Project Management From Simple To Complex” as well as the week\_6 summarized notes made by the professor.
* I’ve attended the lecture, and we talked about Software presentations, Work Breakdown Structure, Planning the “what” is vital, “WBS” How long will tasks take, what resources will we need? Guidelines for WBS, Hazards of estimating, Scheduling Project Work, Producing a Workable Schedule, Types of project schedules, Time Management, [Critical Path and Float](https://pm-training.net/float-in-project-management/#:~:text=What%20is%20Float%20or%20Slack%20in%20project%20management%3F,be%20delayed%20without%20affecting%20the%20overall%20project%20timeline.).
* I’ve attended group members in-class meeting and discussed the following points:
* We went over information for assignments in the coming weeks.
* We chose Open Project as our software for software presentation.
* We discussed using API and cloud network to make Open Project more available for us as a group.
* We have gotten the Work Structure Breakdown completed.

**Week 7 March 1st, 2023**

* I went over the week\_7 summarized notes provided by the professor.
* I’ve attended the lecture, and we watched Group 3 Project Management software presentation, We had discussion about scheduling project work/producing a workable schedule: 1) sketch on paper, 2) fill in nodes, 3) create your dependencies table, 4) fill in your network diagram graphic, We have done all these steps in the meeting rooms.
* I’ve attended group members in-class meeting and we discussed the following points:
* The need to create our work breakdown schedule, milestone chart, and working schedule are all components of our project plan.
* Reviewing how to use OpenProject.
  + Work packages > Gantt Chart > etc.
  + You can create dependencies under ‘Relations’.
* Discussing presentation next week :
  + Prof said not everyone has to speak
  + We need the demo, which Sami will do
  + Tatsiana is going to do the presentation and others will help if necessary.
* Sami talking through project steps
  + EDA in PowerBI to decide on dashboard we want.
  + Transfer that design to a Python program (web-app).
  + Test it locally, then deploy it similar to how OpenProject, dockerize it on DockerHub. If using Django (or Flask) as a framework we can convert our web-app into a Docker application, then push that Docker application will be hosted in Google cloud and be accessible with an http address.
* Tatsiana will load the data to Teams by first week of April (April 7) for us to start exploring.
* Data discussion
  + Static data in a file.
  + Pull census data from an API so they can refresh it with the click of a button.
  + We start building out the milestones.
  + Team built out the Milestones and Working Schedule.
  + Prof confirmed that this all looked good.
  + Discuss building out a video demo for the software OpenProject.