

CmpE230 Project Report

Hüseyin Can Bölükbaş – Burak Berk Özer

2016400225 – 2016400015

Task:

Developing a Python program called **bucourses.py** that will crawl Bogazici University's OBIKAS registration pages and extract course offering information.

Planning:

Because we were in different cities, we have to split the project into 2 pieces.

Burak worked on visual representation of the project.

Can worked on calculation problems. Such as U4 G2 I5.

At latest stage, we've worked together to debug.

Success:

Our code probably has lots of bugs. It is most probably our fault. However registration system also causes some problems such as:

- In Atatürk ... Department, there were 2 distinct course which were named same.

We did not handle LAB and PS possibilities.

We did not handle STAFF case.

Libraries:

Libraries used:

- Pandas
- Requests
- Itertools
- Re

Code:

- 1- Get all departments' links and store them in a list.
- 2- Read the inputs successfully. Store start date and end date in 2 variables.
- 3- According to start and end dates find the range that is wanted. Store the range in a list.
- 4- From department's list take one department, and solve the given task in determined range(noted in #2).
- 5- Calculate the requested values and move to next department.
- 6- After all departments are visited, transform the requested table into CSV form.
- 7- Print the CSV form, to the console.