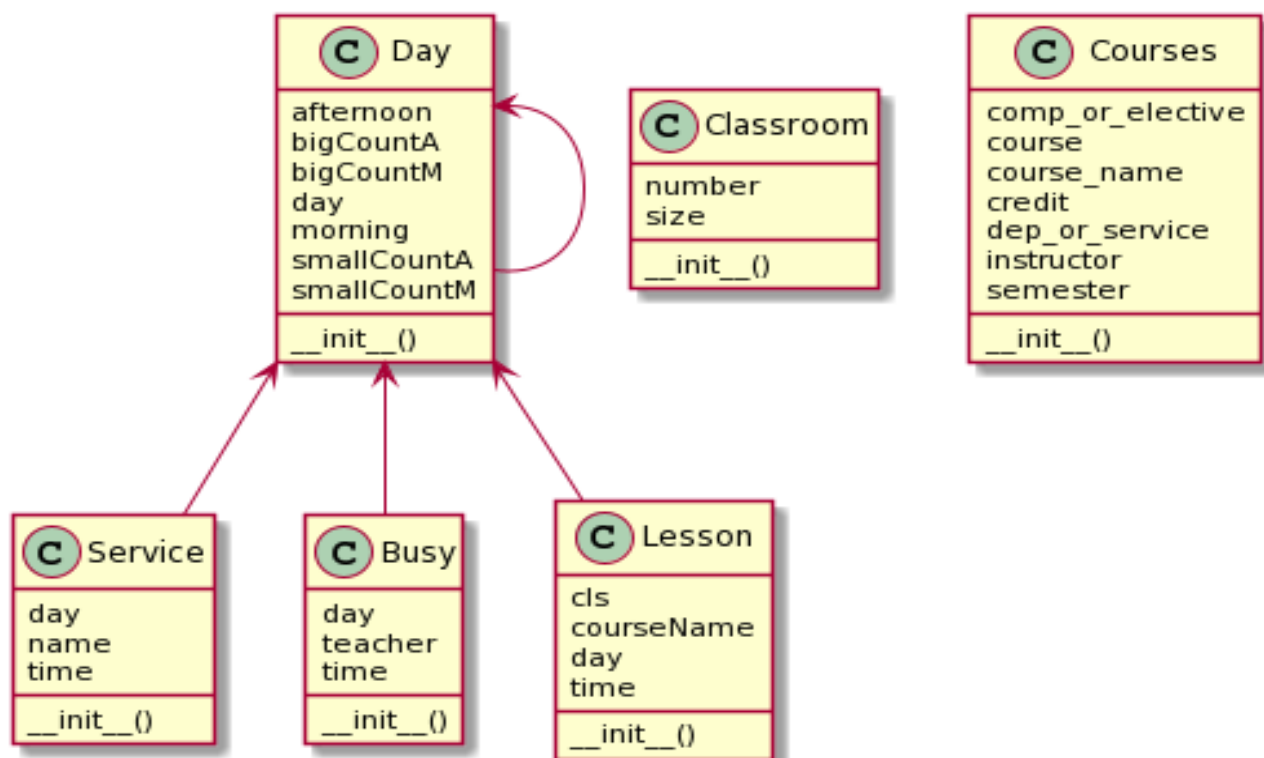Ismail Güven---18050111016

Erham Safa Aksoy-19050111058

Aysenur Yeter----18050111024

Melis Gul Yegilmez-19050111072

Zeynep Afat----18050111034

Kadir Basa Berkuk Kaplan—19050111027

Day

- afternoon
- bigCountA
- bigCountM
- day
- morning
- smallCountA
- smallCountM

__init__()

Classroom

- number
- size

__init__()

Courses

- comp_or_elective
- course
- course_name
- credit
- dep_or_service
- instructor
- semester

__init__()

Service

- day
- name
- time

__init__()

Busy

- day
- teacher
- time

__init__()

Lesson

- cls
- courseName
- day
- time

__init__()

PROJECT REPORT

Program starts.

Get data from excels.

Set data into classes.

Set service courses.

Start the loop.

Check the Conditions.

Call necessary Functions.

Set elements into specific positions.

Get back to loop until it finishes.

End the loop.

Print the course planner.

In this program we aim to find a proper course schedule that matches the specified conditions.

In the while loop we arrange the elements to the appropriate days.

After we arrange the lessons to their proper times, we delete them from courses array.

At the end of the cycle if courses list's size is not 0 it means that the courses encountered inappropriate positions.

Therefore, to get another combination we can find different permutations according to days array.

Thus, we can use different ways to get different combinations of a list.