

Homework5

Programming Software Systems 2

April 15, 2021

Deadline is April 26, 2021, 23:59 (MSK)

The task is to extend the backend capabilities for the WEndex.Taxi .

Requirements:

- Implement an AdminGateway. The same sense as in the previous task for the Passenger and Driver.
- Admin can login, see all information and block some functions for users. For example, he can block the possibility to order the ride for the passenger, or accept the ride for the driver. If the user calls the function that was blocked - an appropriate error should be thrown.
- A passenger can have multiple mobile devices, support correct work for all of them at once.
- A Driver can have multiple cars.
- A Car should be validated by admin before the first ride.
- Show work of the system in the main function. All Gateway methods should be called at least once.
- If something was not mentioned - it means on your choice.
- All common requirements from previous tasks (readme, readability, extensibility, DRY, OOP etc).

Some suggestions (the same):

Ideally - all results should be in the PullRequest(PR) in a separate branch in the private repository on github. In such case put only the link to the repo in the moodle. (Do not forget to add TA to the repo. Mike's login is **l1va**, Shokhista's - **ergashevashokhista**)

Merge PR only after we approve it.

Or you can upload zip archive to moodle if you can't manage with git.

Do not leave the task for the last day. You can meet difficulties that you will not manage to solve in 30 minutes.