Report

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Project: Tinder Bot

Objective: create the bot which will automate the actions of users on the dating platform called Tinder. Gender to simulate the behaviour of is male.

GitHub link: https://github.com/gabdir/pmldl_project

What we have done at this moment:

1) We have made decisions in the team regarding the architecture of the project and its constituents components

2) Before collecting dataset we needed to create a controller, which will interact with Tinder site through the browser, so we have implemented one of the main components of our system with help of Selenium framework through python interface - *TinderController,* which is able to:

- Make swipes
- Close extra windows to remain always in the state when a swipe is possible
- Extract pictures of the girls and save them
- Work in two modes: *data collection and autonomous mode*

3) In *data collection mode* the controller is watching your decisions: whether you liked a girl or disliked, downloads the picture and puts it in the corresponding folder. This feature is going to be used to collect the dataset for training CNN, based on which bot's decisions will be made in the future.

4) In *autonomous mode* the controller just makes swipes for you and starting conversations with matched girls. Full logic of this mode isn't implemented yet, and it's going to be our main goal for further iterations.

Plans for the next iteration:

1. Collect data
2. Train CNN
3. Implement logic for decisions to swipe