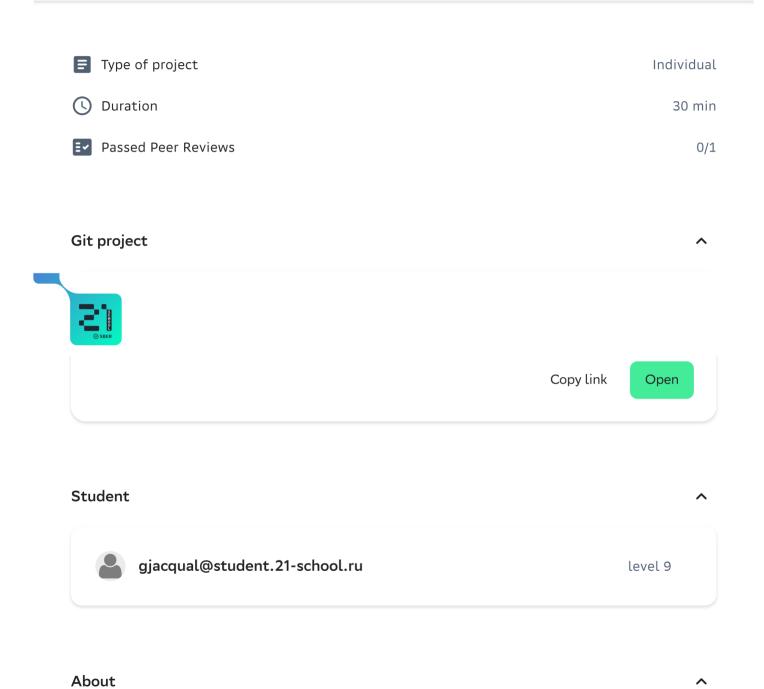
# ← Project review - APP1 Bootcamp. Day03



# Introduction

The methodology of School 21 makes sense only if peer-to-peer reviews are done seriously. Please read all guidelines carefully before starting the review.

- Please, stay courteous, polite, respectful and constructive in all communications during t his review.

- Highlight possible malfunctions of the work done by the person and take the time to disc uss and debate it.
- Keep in mind that sometimes there can be differences in interpretation of the tasks and t he scope of features. Please, stay open-minded to the vision of the other.
- If you have not finished the project yet, it is compulsory to read the entire instruction bef ore starting the review.

### **Guidelines**

- Evaluate only the files that are in src folder on the GIT repository of the student or group.
- Ensure to start reviewing a group project only when the team is present in full.
- Use special flags in the checklist to report, for example, an "empty work" if repository do es not contain the work of the student (or group) in the src folder of the develop branch, or "cheat" in case of cheating or if the student (or group) are unable to explain their work at a ny time during review as well as if one of the points below is not met. However, except for cheating cases, you are encouraged to continue reviewing the project to identify the proble ms that caused the situation in order to avoid them at the next review.
- Doublecheck that the GIT repository is the one corresponding to the student or the group.
- Meticulously check that nothing malicious has been used to mislead you.
- In controversial cases, remember that the checklist determines only the general order of the check. The final decision on project evaluation remains with the reviewer.

MAIN PART

### Exercise 00 - Innocent Prank

Check that "exploit.py" is present

Check that "evilcorp\_hacked.html" is generated on script run

Check that the `<title>` tag in a generated file now contains text "Evil Corp - Stealing you r money every day"

Check that the script properly parses name and pronoun from HTML file (especially if they a re replaced with different ones of different length)

Check that `<h1>` tag with pronoun, name and "you are hacked" text is injected inside the `<body>` tag

Check that Trenton's script from the task is injected into a body of a page

Check that the word "hacked" appears as an alert if you open the generated file in a browse r and submit data through form

Check that the link at the bottom of the page now leads to "https://mrrobot.fandom.com/wiki/Fsociety"

Check that the name of the company at the bottom is now replaced with "Fsociety"

No

Yes

Check that "producer.py" and "consumer.py" scripts are present

Check that producer generates messages and sends them to Redis pubsub queue

Check that produced messages are following the structure mentioned in the task (with "me tadata", including both "from" and "to", and "amount")

Check that generated account numbers consist of exactly 10 digits

Check that consumer accepts list of "bad guys" via `-e` command line parameter, separate d by comma

Check that consumer reads messages from the Redis pubsub queue

Check that consumer works even without `-e` specified (not modifying input stream) or with just one "bad guy"

Check that the transaction is not modified by consumer if "amount" is negative

Check that sender and receiver ("from" and "to") are switched if receiver is in the list of "b ad guys"

Check that the transaction is not modified by consumer if "from" is a "bad guy" while "to" isn't

No

Yes

# Exercise 02 - Deploy

Check that "gen\_ansible.py" script is present

Check that "deploy.yml" file is generated on script run

Check that "deploy.yml" file includes task(s) for packages installation (from "todo.yml") in Ansible notation (regardless of target OS)

Check that "deploy.yml" file includes task(s) for copying over all files (from "todo.yml") in Ansible notation

Check that "deploy.yml" file includes task(s) for running exploit and consumer in Ansible n

Check that task for running consumer also includes "bad guys" from "todo.yml"

No

Yes

## **BONUS PART**

^

### **Bonus section for EX01**

Check that producer allows to log all generated messages using builtin `logging` module

No

Yes

# Bonus section for EX02

Check that a generated "deploy.yml" is actually runnable by Ansible and produces expecte d result (you may use a virtual machine for that or just builtin Ansible unit test wrappers)

# Feedback Fails (i) Forbidden functions Empty work Cheat Comment Отличный проект!!!

✓ Review