

1. Запуск и проверка контейнеров Docker Compose

```
# kristiawe@kristina 23:41:02> <~/flusk_homework/flask-crud-project>
$ docker ps
CONTAINER ID   IMAGE                     COMMAND                  CREATED        STATUS        PORTS                               NAMES
32ab3ae71d9d   nginx:latest            "/docker-entrypoint. ..." 11 minutes ago Up 11 minutes 0.0.0.0:80->80/tcp, [::]:80->80/tcp flask-crud-project-nginx-1
c4a4ad0b18b6   flask-crud-project-backend "bash -c 'echo 'Wai ..." 11 minutes ago Up 11 minutes 0.0.0.0:8000->8000/tcp, [::]:8000->8000/tcp flask-crud-project-backend-1
9a7f53722c2a   postgres:15             "docker-entrypoint.s ..." 11 minutes ago Up 11 minutes 0.0.0.0:5433->5432/tcp, [::]:5433->5432/tcp flask-crud-project-db-1
8d3654db3a73   redis:7                  "docker-entrypoint.s ..." 11 minutes ago Up 11 minutes 0.0.0.0:6379->6379/tcp, [::]:6379->6379/tcp flask-crud-project-redis-1
# kristiawe@kristina 23:45:08> <~/flusk_homework/flask-crud-project>
$
```

2. Проверка работы backend-сервиса напрямую

```
15-1
# kristiawe@kristina 23:45:08> <~/flusk_homework/flask-crud-project>
$ curl http://localhost:8000/users
[]
# kristiawe@kristina 23:46:13> <~/flusk_homework/flask-crud-project>
$
```

3. Проверка проксирования через Nginx

```
[ ]
# kristiawe@kristina 23:47:13> <~/flusk_homework/flask-crud-project>
$ curl -i http://localhost/users
HTTP/1.1 200 OK
Server: nginx/1.29.5
Date: Fri, 20 Feb 2026 20:47:14 GMT
Content-Type: text/html; charset=utf-8
Content-Length: 3
Connection: keep-alive
X-Cache-Status: HIT

[ ]
# kristiawe@kristina 23:47:14> <~/flusk_homework/flask-crud-project>
$
```

5. Проверка CRUD-операции (добавление пользователя и получение списка)

```
# kristiawe@kristina 22:40:52> <~/flusk_homework/flask-crud-project>
$ curl http://localhost:8000/users
[]
# kristiawe@kristina 22:40:54> <~/flusk_homework/flask-crud-project>
$ curl -X POST http://localhost:8000/users -H "Content-Type: application/json" -d '{"name": "Kristina", "email": "kristina@example.com"}'
{"message": "User created"}
# kristiawe@kristina 22:42:51> <~/flusk_homework/flask-crud-project>
$ curl http://localhost:8000/users
[{"email": "kristina@example.com", "id": 1, "name": "Kristina"}]
# kristiawe@kristina 22:43:01> <~/flusk_homework/flask-crud-project>
$ curl -X PUT http://localhost:8000/users/1 -H "Content-Type: application/json" -d '{"name": "Kristina K."}'
{"message": "Updated"}
# kristiawe@kristina 22:43:11> <~/flusk_homework/flask-crud-project>
$ curl -X DELETE http://localhost:8000/users/1
{"message": "Deleted"}
# kristiawe@kristina 22:43:29> <~/flusk_homework/flask-crud-project>
$ curl http://localhost:8000/users
[]
# kristiawe@kristina 22:43:33> <~/flusk_homework/flask-crud-project>
$
```