

STUDENT VERSION (Backend Sprint-2 Week-2)



CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

- ▶ Icebreaking
- ▶ Questions
- ▶ Interview Questions
- ▶ Coding Challenge
- ▶ Video of the week
- ▶ Retro meeting
- ▶ Case study / project

Teamwork Schedule

Ice-breaking

5m

- Personal Questions (Stay at home & Corona, Study Environment, Kids etc.)
- Any challenges (Classes, Coding, studying, etc.)
- Ask how they're studying, give personal advice.
- Remind that practice makes perfect.

Team work

5m

- Ask what exactly each student does for the team, if they know each other, if they care for each other, if they follow and talk with each other etc.

Ask Questions

15m

1. Which one is the reason of the using virtual environment?

- A. Resolve dependency issues by allowing you to use different versions of a package for different projects. For example, you could use Package A v2.7 for Project X and Package A v1.3 for Project Y.
- B. Make your project self-contained and reproducible by capturing all package dependencies in a requirements file
- C. Install packages on a host on which you do not have admin privileges
- D. All of them

2. Which architectural design pattern does django use?

- A. Model-view-presenter(MVP)
- B. Hierarchical model-view-controller(HMVC)
- C. Model – View – Template (MVT)
- D. Model – Viewer – Controller (MVC)

3. Which command is the create django project?

- A. Django-admin createproject -projectName-
- B. Django-admin addProject -projectName-
- C. py manage.py createproject -projectName-
- D. django-admin startproject -projectName-

4. Which one is not default file in project folder?

- A. Urls.py
- B. Settings.py
- C. **init.py**
- D. Models.py

5. is a place where we put the "logic" of our application. It will request information from the you created before

- A. Url-View
- B. Model-View
- B. View-Url
- B. View-Model

6. After installation DRF package with PIP, do we need to add DRF to installed apps? If so with which name?

- A. True
- B. False

7. When we call data from database, response data type is QUERYSET. To translate this queryset data, what do we need to use?

- A. Authenticaion
- B. Serializers
- C. Permission
- D. Model

8. What is request.META in request object?

- A. It is a python dictionary.
- B. It contains all the HTTP Headers associated with a particular request.
- C. It contains the user's IP address and machine specifications.
- D. All of the above

9. Which of the following Password Validators are not provided by default in Django?

- A. NumericPasswordValidator
- B. CommonPasswordValidator
- C. MinimumLengthValidator
- D. MaximumLengthValidator

10. You should use the http method ____ to read data and ____ to create data?

- A. READ; WRITE
- B. GET; POST
- C. POST; GET
- D. GET; PATCH

11. What would variable m output?

```
from post.models import Post  
m = Post.objects.filter(post_heading='post1')
```

- A. It will print the first object which matched with heading 'post1' in argument
- B. t will print all objects.
- C. It will print all the objects which match the heading 'post1'.
- D. It will return None

Interview Questions

15m

1. Explain Django Architecture?

2. Explain the django project directory structure?

3. What are models in Django?

4. What is the Django Rest Framework?

5. What is Django ORM?

6. What is the difference between CharField and TextField in Django?

Coding Challenge

35m

-There is no code challenge in this week

Coffee Break

10m



Video of the Week

10m

- [What is Django Capable of? | Companies That Use It](#)

Retro Meeting on a personal and team level

5m

Ask the questions below:

- What went well?
- What went wrong?
- What is the improvement areas?

Case study/Project

0m

Django Serializers

- [Django Serializers Workshop](#)

Closing

5m

-Next week's plan

-QA Session
