

STUDENT VERSION (Backend-3)



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.

Questions

15m

1. One of the most powerful features of Django is its _____, which enables you to interact with your database" Which option is suitable for the blank above?

- A. DTL – Django Template Language
- B. ORM – Object Relational Mapping
- C. manage.py file
- D. Django superuser

2. Which ORM query retrieves a single object from People table?

- A. `People.objects.all()`
- B. `People.objects.filter(first_name="Paul")`
- C. `People.objects.get(id=3)`
- D. `People.objects.exclude(last_name="Lonan")`

3. Which one is the false about DTL?

- A. `{% comment %}` tag provides multi-line comments.
- B. `{! this is comment line and won't be rendered !}`
- C. Tags are surrounded by `{%` and `%}` like this : `{% csrf_token %}`
- D. Variables are surrounded by `{{` and `}}` like this: My first name is `{{ first_name }}`

4. Because Django's URL resolver expects to send the request and associated arguments to a callable function, not a class, class-based views have an _____ class method which returns a function that can be called when a request arrives for a URL matching the associated pattern. Which option is suitable for the blank above?

- A. as_view()
- B. View()
- C. Display_view()
- D. GenericView

5. We can see this code blog in which file?

```
from django.shortcuts import render
from .models import Article
def year_archive(request, year):
    a_list = Article.objects.filter(pub_date__year=year)
    context = {'year': year, 'article_list': a_list}
    return render(request, 'news/year_archive.html', context)
```

- A. Templates
- B. Models
- B. Forms
- B. Views

Interview Questions

15m

1. What are views in Django?

2. What is the difference between a project and an app in Django?

3. What are Django URLs?

4. Define static files and explain their uses?

5. How to configure static files?

Coding Challenge

0m

- No



Coffee Break

10m



Video of the Week

10m

- [Using Bootstrap in Python Django Projects Tutorial](#)

Retro Meeting on a personal and team level

5m

Ask the questions below:

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

Case study/Project

10m

This Workshop will be solved after Blog Project week

[Django CRUD Operations](#)

Closing

5m

-Next week's plan

-QA Session
