TEAMWORK

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. What does {% include %} does?

A. It will include another template.
B. It will include content from another template having the same templates defined.
C. It is the same as {% extend %}.
D. None of the above

2. What are Migrations in Django?

A. Migrations are files where Django stores changes to your models.
B. They are files saved in migrations directory.
C. They are created when you run makemigrations command.
D. All of the above

3. What is Django App?

A. An app is a functionality, including models and views, that lives together in a single Python package.
B. Django app is a python package with its own components
C. Django app is an extended package with base package is Django
D. All of the above

4. What would variable m output?


```
In [1]: from post.models import *

In [2]: m = Post.objects.filter(post_heading = 'post1')

In [3]: m
```

A. It will print the first object which matched with heading "post1" in argument.

B. It will print all objects.

C. It will print all the objects which match the heading "post1".

D. None of the above

5. What is Post.objects.all() is used for?

```
 ~/Desktop/repos/backend/django
❯ ./manage.py shell -i ipython
Python 3.9.1 (tags/v3.9.1:1e5d33e, Dec  7
Type 'copyright', 'credits' or 'license'
IPython 7.19.0 -- An enhanced Interactive

In [1]: from post.models import Post

In [2]: m = Post.objects.all()

In [3]: for i in m:
   ...:     print(i)
   ...:
```

A. It is used to bring all the objects stored in Post table.

B. It is used to create a new Post object m.

C. Post object will bring objects from database with SQL Query: Select *.

D. None of the above

6. What will happen on execution of this command: `> python manage.py createsuperuser`
?

A. It will create an admin superuser.

B. It will ask for name and password of the superuser.

C. Both A and B

D. None of the above

7. What kind of non-HTML outputs can Django generate?

A. .epub files

B. Sitemaps (an XML format developed by google)

C. Exe files

D. Python files

8. This is admin.py file in an application. It is supposed to register models Post and Like in Django Admin site. Is it true or not?

```
from django.contrib import admin
from .models import Post, Like

# Register your models here.
# Clarusway
admin.site.register(Post)
admin.site.register(Like)
```

A. True
B. False

Interview Questions	15m	

1. How do you connect your Django project to the database?

2. What are 'templates'?

3. What is the significance of manage.py file in Django?

4. Is Django better than Flask?

Coding Challenge	10m	

- Coding Challenge: JS-CC-014 : Lottery Game

Video of the Week	5m	

- [Django vs. Flask which is the best python web development framework?](#)

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	5m	

Awesome Django Repository

Prior to the teamwork activity, please take a look at https://awesomedjango.org/ website. Introduce some of the links seen on this webpage during your teamwork activity.

Closing	5m	

-Next week's plan

-QA Session