

# Django Workshop Session 3

Advanced Programming

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# Social project

- In this project we will create a social community site.
  - Focus on templates
    - Debugging

# Pages

- A sign up page.
- A Login page.
- A page for list of groups.
- A page for publishing new post.
- A home page.

# features

- Multiple applications.
- Multiple users and authorizations.
- Users can create groups.
- They can publish posts in groups.
- They can also join and leave other groups.
- Link user profiles with @ symbol.

# Part 1

- Create django project.
- Add apps and initial run.
- Set up essential files.

## Part 2

- Set up accounts app.
- Create base and index templates.
- Fill in models.py for users.
- Create forms.py.
- Handle sign up.

# Part 3

- Focus on templates in accounts.
- Install bootstrap3 for django.



# Part 4

- Create redirect pages for login and logout.

# Part 5

- Create posts and groups simultaneously.
- Set up related files.

# Part 6

- Create models.py for posts and groups.
- Many to many relation.
- Install django-misaka.

# Part 7

- Create views and templates for groups.
- Use include template tag.

# Part 8

- Handle urls of groups.
- Register groups in admin.

## Part 9

- Create views and templates for posts.
- Install django-braces.
- Register posts in admin.
- prefetch\_related

# Part 10

- Create views and templates for posts.
- Install django-humanize.

# Any Questions?



# The End