Projects and Apps Overview
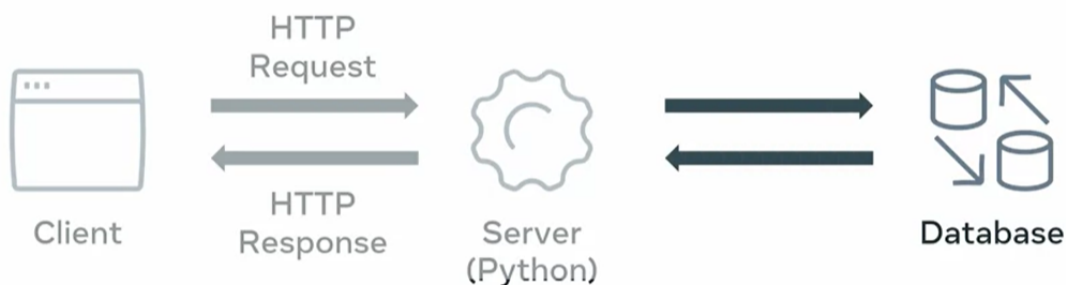
🕐 Created	@October 19, 2023 3:04 PM
⊙ Type	Week1 - Projects and Apps
☑ Reviewed	☐

What is required in Dynamic Web Applications

Internet protocols

- HTTP is used to get, send and render
- Web server is required to get the page from the backend
- Web is stateless, does not store anything for future reference
- Hence a Database is needed.

- Data will need to be stored at every instance the user submits it
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Web Server Configuration

- Inbuilt in Django, written using Python, a webserver that avoids the hassles of dealing with new configurations

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Data retrieval/storage

- Facilitated through the usage of HTTP Requests

Projects

- Can auto-genera the project structure
- Focus on code, rather than configuration

Apps

- Submodule of a project
- Can be reused many times
- Follows DRY

> 💡 Django Web Application is a project that contains many different apps

For django to recognize an app, it needs to be added with the installed applications, mainly for configuration and introspection. The app registry maintains metadata.

What constitutes an app, in a project is largely subjective.

Each app needs to be focused on one thing and one thing only