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**Title: Introduction to Django Framework**

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**OS: Any**

**Intro:**

**What is Django:** Django is a free and open source web application framework written in Python. A framework is nothing more than a collection of modules that make development easier. They are grouped together, and allow you to create applications or websites from an existing source, instead of from scratch.

**What is a framework:** is an abstraction in which software providing generic functionality can be selectively changed by additional user-written code, thus providing application-specific software. A software framework provides a standard way to build and deploy applications. Essentially a framework is a code base having specific syntax and ways of doing things.

**Overview:** This should not be here but to have some type of clarification I will put this here. The basic understanding of how I think Django is working in the background. When the webpage is started, the controller for home is initialized and called. From there the buttons are setup along with the map that we currently have. Then when we return / render, we take the base.html and the home.html put them together, and show the webpage. When the user clicks on a button from the homepage, the href is called from the controllers.py home / button, and then calls the add\_dam controller, and sets up the buttons and anything else, and then gets the webpage compressed together and displays it.