

# An Introduction to Django

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April 13, 2015

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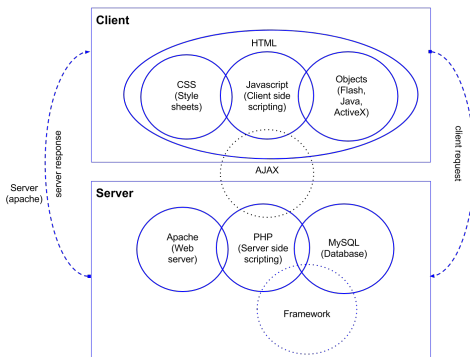
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- Popular sites built with Django include NASA, Instagram, The Guardian.



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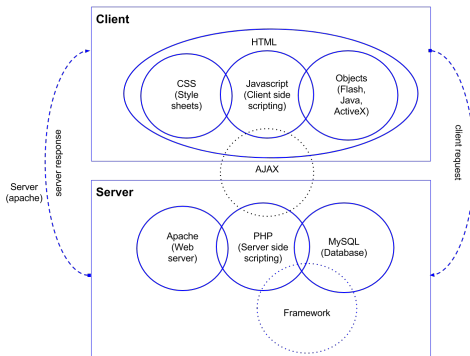
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Figure : Schematic diagram of a web app



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- It enables us to build web apps faster by focusing on the unique functionality of our web app rather than the infrastructure
- Most provide us with with libraries and templates which we can reuse, thus enhancing our productivity.

Figure : Schematic diagram of a web app

# Model-View-Controller

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- A design pattern (which extends OOP) that helps us better organise our web app by **separating concerns**

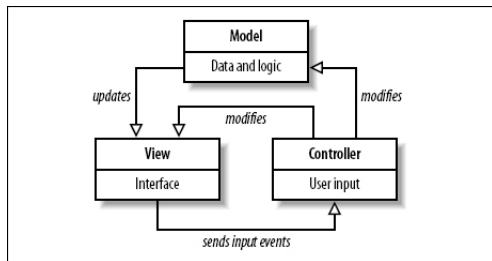


Figure : The MVC pattern

# Model-View-Controller

- A design pattern (which extends OOP) that helps us better organise our web app by **separating concerns**
- The **model** contains **data and logic**, the **view** forms the **user interface** (what the user sees and the **controller** manages the **interaction** between the model and view.

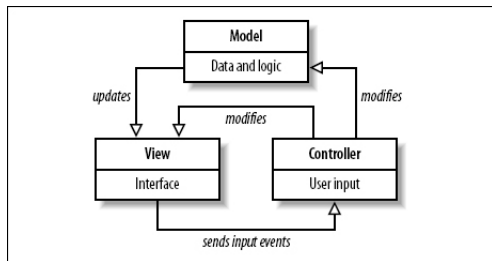


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# Further Reading