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| Parameter | Django | Flask |
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| Type of framework | Django is a full-stack web framework that enables ready to use solutions with its batteries-included approach. | Flask is a lightweight framework that gives abundant features without external libraries and minimalist features. |
| Working of Framework/Data Model | Django follows an object-oriented approach that enables object-relational mapping (linking databases and tables with classes) | Flask works on a modular approach that enables working through outsourced libraries and extensions. |
| Project Layout | Django is suitable for multiple page applications. | Flask is suitable for only single-page applications. |
| Bootstrapping Tool | -Django-admin is the in-built bootstrapping tool of Django that allows the creation of web applications without any external input. | Flask does not come with an in-built bootstrapping tool. |
| Database Support | Django supports the most popular relational database management systems like MySQL, Oracle etc. | Flask does not support the basic database management system and uses SQLAlchemy for database requirements. |
| Flexibility | Django is less flexible because of its in-built features and tools. Developers cannot make changes to the modules. | Flask is a micro-based framework with extensible libraries making itself a flexible framework for developers. |
| Template Engine | Django is inspired by the Ninja2 template but has its built-in model view template that makes the development process easier. | Flask used Ninja2 template design |
| Control | Developers do not have full control over the modules and functions of Django because of built-in libraries. | Flask allows developers full control over the creation of applications with no dependencies from external libraries. |
| Working Style | The working style of Django is Monolithic | The working style of Flask is diversified style. |
| Debugger | Django does not support any virtual debugging. | Flash has an in-built debugger that offers virtual debugging |
| Routing and Views | Django framework supports the mapping of URL to views through a request. | Flask web framework allows mapping of URL to class-based view with Werkzeug. |
| Structure | Django framework structure is more conventional. | Flask web framework structure is random. |
| HTML | Django supports dynamic HTML pages | Flask framework does not support dynamic HTML pages |
| Best Features | • Open-Source Great Community • Fast Development • Easy to learn • Secure | • Extensive Documentation • Lightweight • Minimal Features • Full Control over the development process • Open-Source |
| Usage | Django is suitable for high-end technology companies like Instagram, Udemy, Coursera etc. | Flask is suitable for companies and projects that want experimentation with the module, architecture of the framework like Netflix, Reddit, Airbnb, etc. |