Django Overview
Django is a Python-based web framework that follows the MVT (Model-View-Template) architecture.
QuerySet Operations
* Q objects can be used for complex queries, combining conditions with AND and OR operators.
* Middleware operates between requests and responses, handling tasks like session management and
authentication.
* Sessions allow for storing and retrieving data on the server-side, based on per-site visitors.

* Signals are used for decoupled applications to receive notifications when actions occur elsewhere in the

* Contexts are dictionaries passed to templates, containing variable names and values for dynamic

* Generic views provide class-based views for common operations, such as displaying all records in a

* Mixins are used to combine behaviors and attributes from multiple parent classes, providing flexibility

* Caching strategies in Django include Memcached, Redis, and File System Caching, optimizing

performance by storing processed results for faster access.

framework.

content.

database.

and code reuse.

Advanced Concepts