**Task 1: Introduction to Django**

**What is Django?**

**Django is a python framework for faster development of secure and maintainable websites. It provides built-in features for common web development tasks, which allows developers to write the app easily.**

**It has some benefits which can be used for backend development.**

* **Security- it provides protection against many common security threats like sql injection.**
* **Scalability – it supports scalability by its potential ability to handle high website traffic and reusable components.**
* **Rapid development- development can be done faster by using its features like template system, admin interface and ORM.**
* **Versatility- can be used for static and dynamic websites, simple to complex websites, for data-driven applications etc.**

2. **Installing Django**

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**3. Understanding MVC/MVT Pattern**

**MVC- MODEL-VIEW-CONTROLLER**

* Model manages the data and business logic
* View displays the data
* Controller handles the input from the user and updates the view

MVT- MODEL-VIEW-TEMPLATE

* Model handles the data and business logic
* View acts as the controller where the requests are obtained and the responses are returned
* Template displays the data

**Flow of data in MVT architecture**

Client request 🡪 URL dispatcher 🡪 viewing the business logic 🡪model the database and view it 🡪template view 🡪response to the client.

**Starting a Project and Running the Development Server**

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**Task 2: Project and Application Structure**

**Creating Apps and Linking to Projects**

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**Managing INSTALLED\_APPS**

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**I HAVE ATTACHED THE CODE IN GITHUB**