**MODULE -5**

1. **Why Django should be used for web-development? Explain how you can create a project in Django?**

Django is the best framework for web applications, as **it allows developers to use modules for faster development**. As a developer, you can make use of these modules to create apps, websites from an existing source. It speeds up the development process greatly, as you do not have to code everything from scratch.

* Steps:-

1. pip install virtualenv
2. virtualenv env
3. env\scripts\activate
4. pip Install Django
5. Django-admin startproject project\_name
6. Python manage.py startapp app\_name
7. Python manage.py runserver
8. **How to check installed version of django?**

executing django-admin --version in the command prompt.

1. **Explain what does django-admin.py make messages command is used for?**

makemessages. Runs over the entire source tree of the current directory and **pulls out all strings marked for translation**. It creates (or updates) a message file in the conf/locale (in the Django tree) or locale (for project and application) directory.

1. **What is Django URLs?make program to create django urls.**

In Django, **views are Python functions which take a URL request as parameter and return an HTTP response or throw an exception like 404**.

Every URLConf module must contain a variable urlpatterns which is a set of URL patterns to be matched against the requested URL. These patterns will be checked in sequence, until the first match is found. Then the view corresponding to the first match is invoked. If no URL pattern matches, Django invokes an appropriate error handling view.

1. **What is a QuerySet?**

A QuerySet represents **a collection of objects from your database**. It can have zero, one or many filters.

1. **Mention what command line can be used to load data into Django?**

Ans: To load data into Django you have to use the command line **Django-admin.py loaddata**. The command line will searches the data and loads the contents of the named fixtures into the database.

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