

# Web Concepts

Website

URL

IP Address & Port

# Domain Name Server (DNS)

# HTTP Protocol

Client

Server



Request

Response

# Request Methods

# Few Response Types

# HyperText Markup Language (HTML)

# Cascading Style Sheets (CSS)

# JavaScript

# JavaScript Object Notation (JSON)



# Asynchronous JavaScript and XML (AJAX)

# HTML Forms

# Cookies

# Static vs Dynamic Webpage Generation

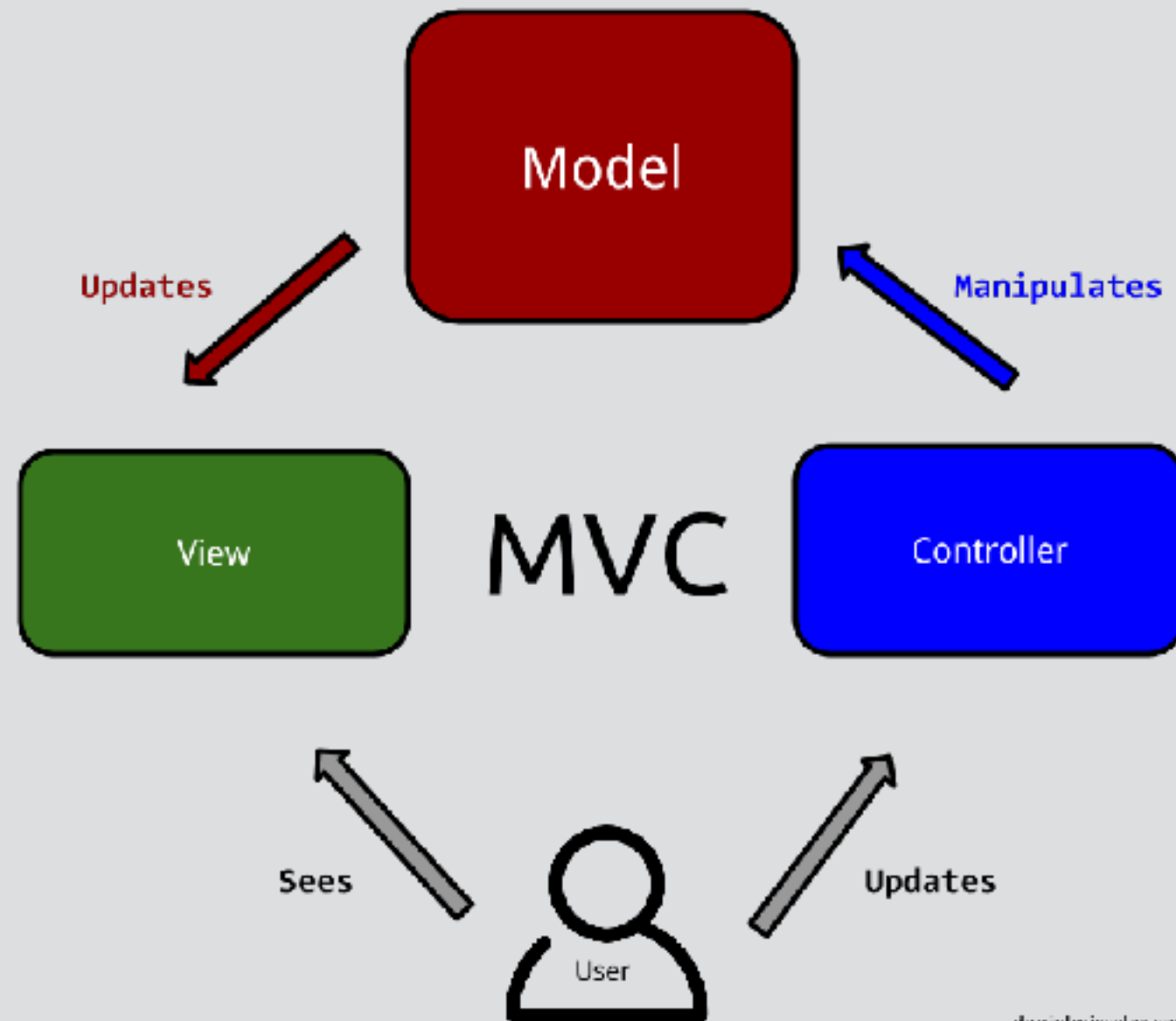
# Responsive Design

# Database Management System (DBMS)

# Web Framework

# MVC Framework

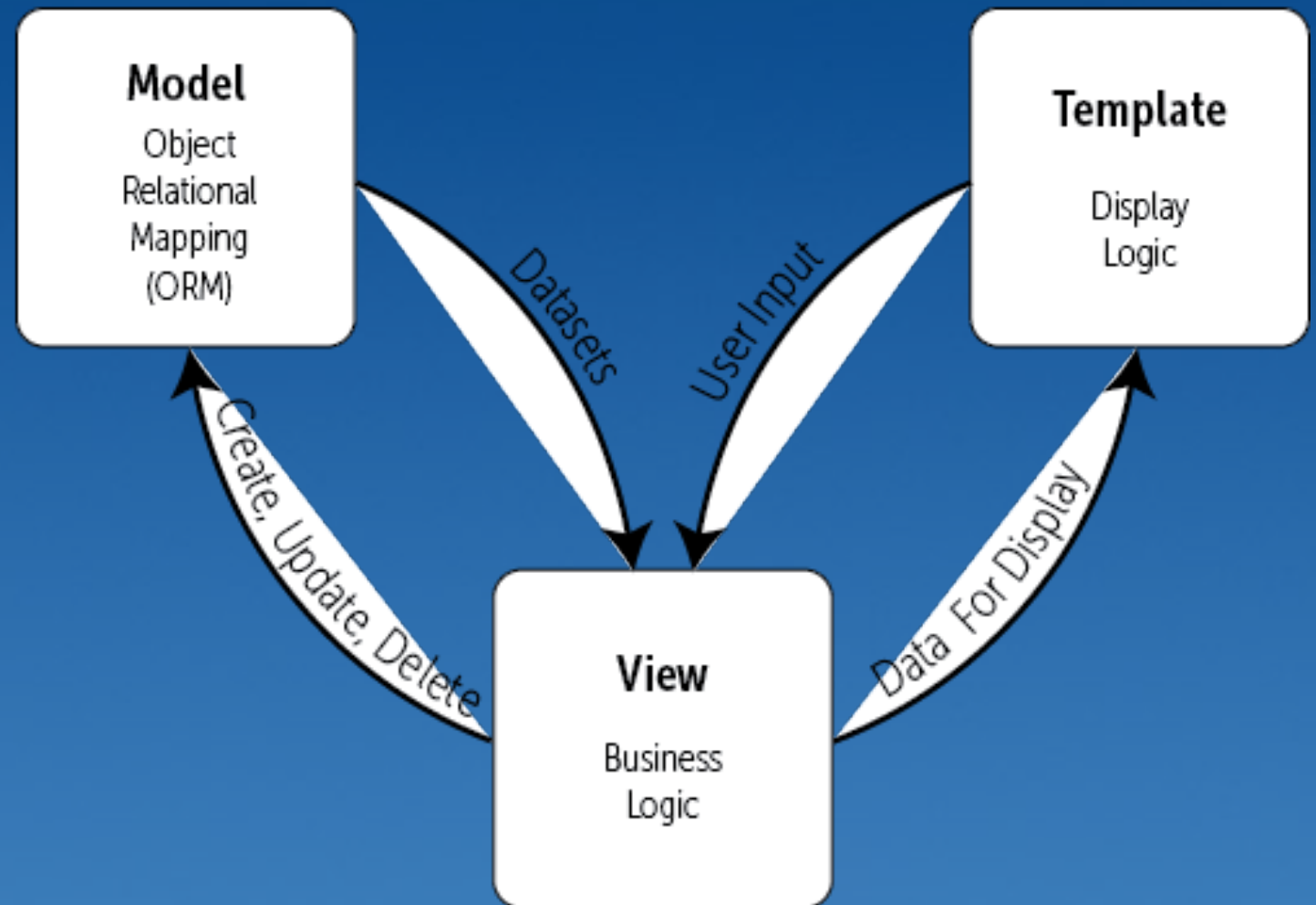
- Model
- View
- Controller



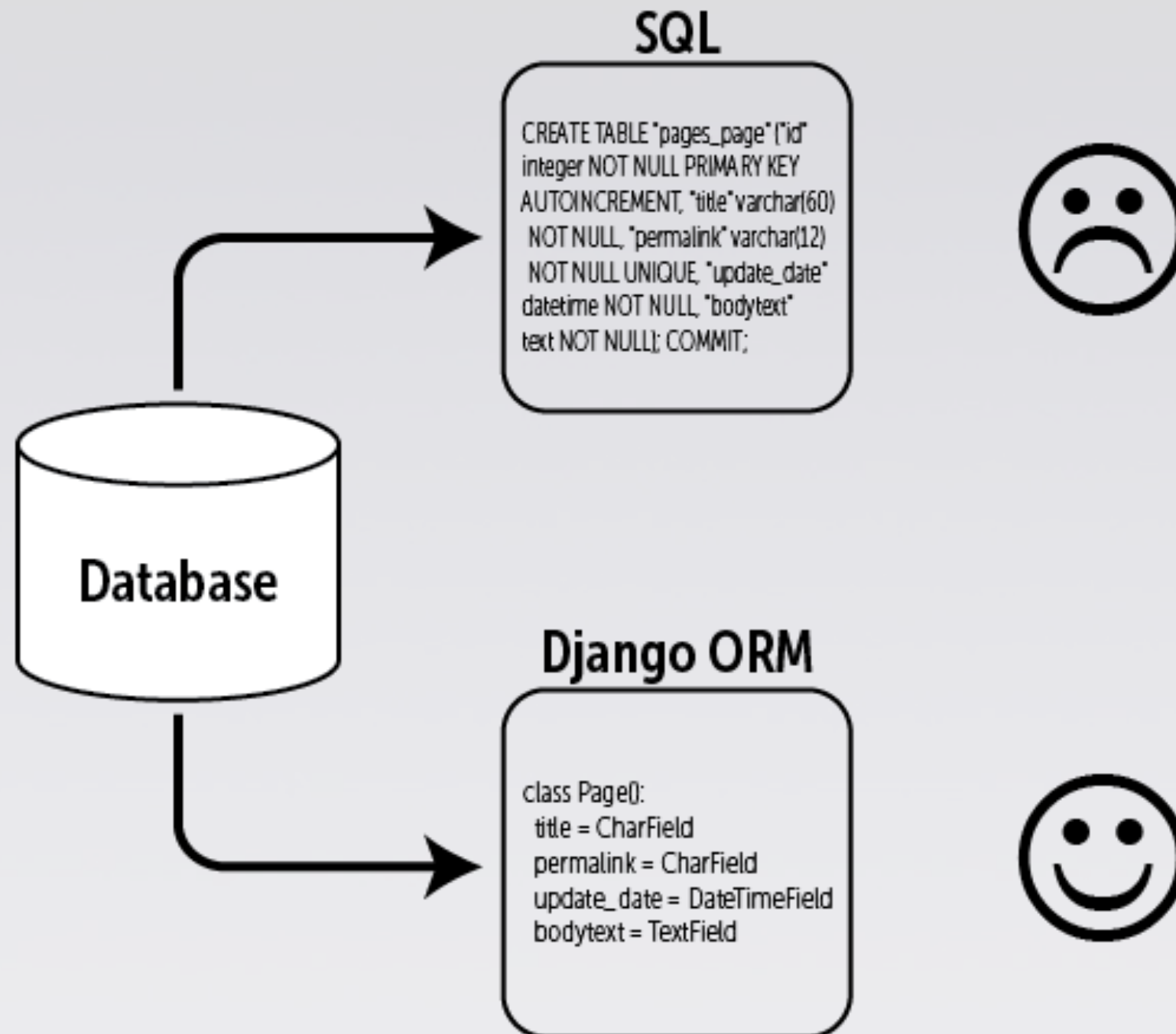


# or MTV in Django

- Model
- Template
- View



# Django ORM



# Django Directory Structure

- myproject/
  - app/
    - admin.py
    - models.py
    - views.py
    - urls.py
    - forms.py
    - migrations/
    - fixtures/
  - manage.py
  - db.sqlite3
  - templates/
  - static/
  - media/
  - myproject/
    - urls.py
    - settings.py
    - wsgi.py

```
pip install Django
```

```
django-admin startproject proj
```