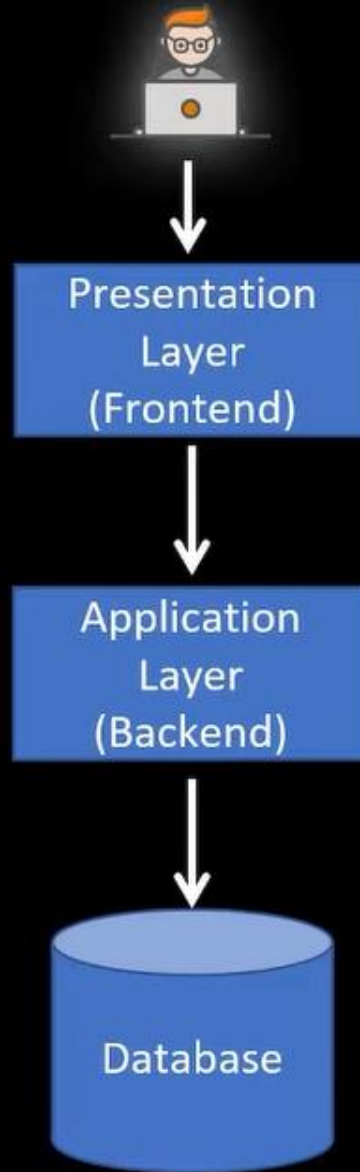
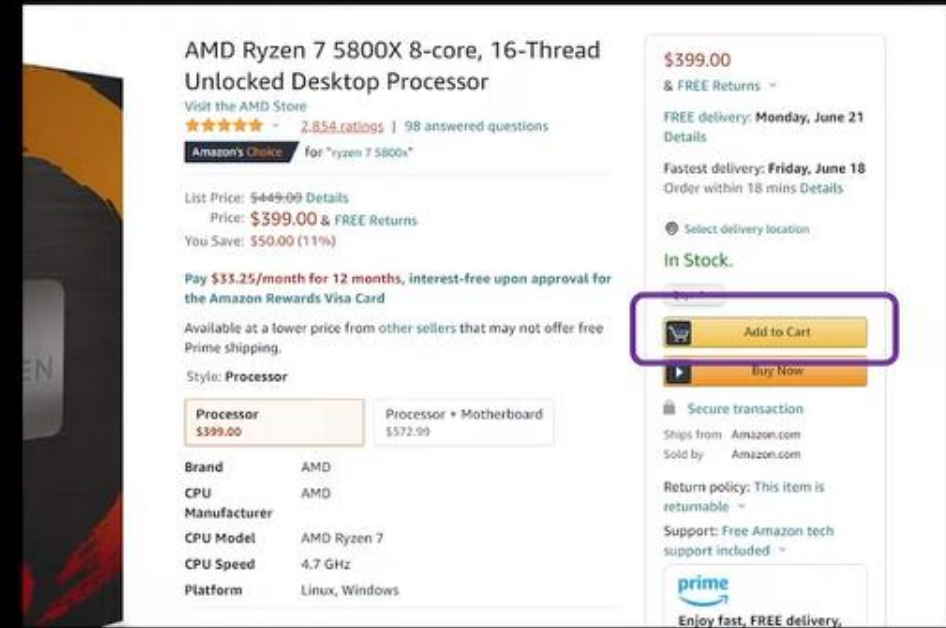
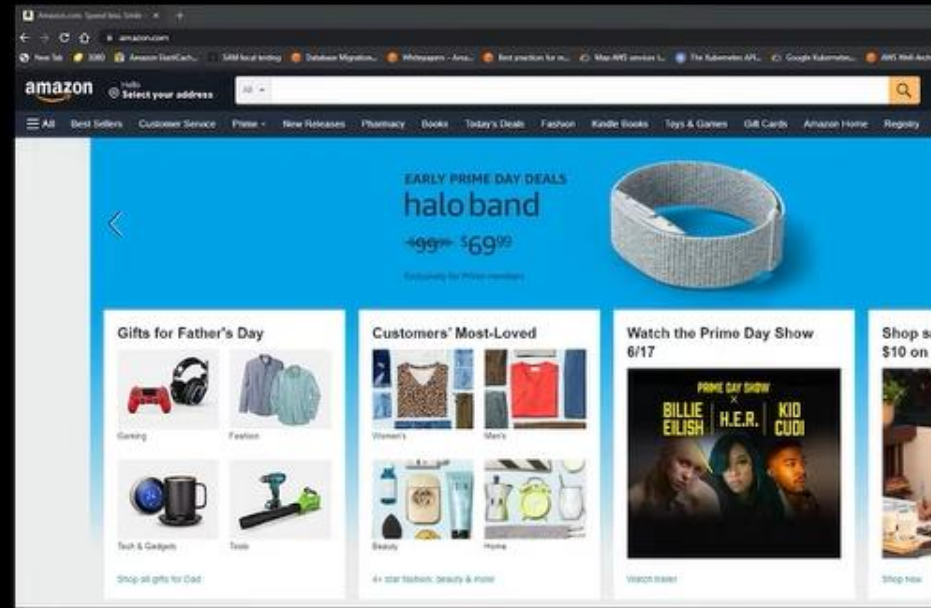
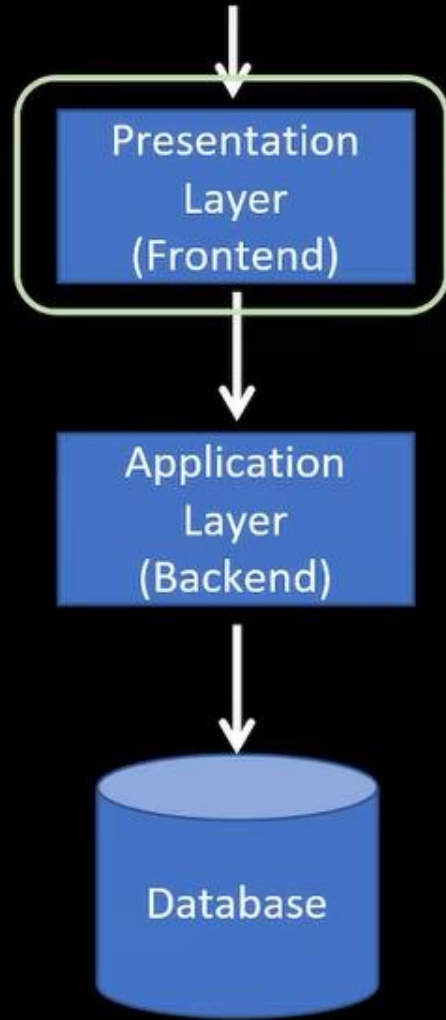


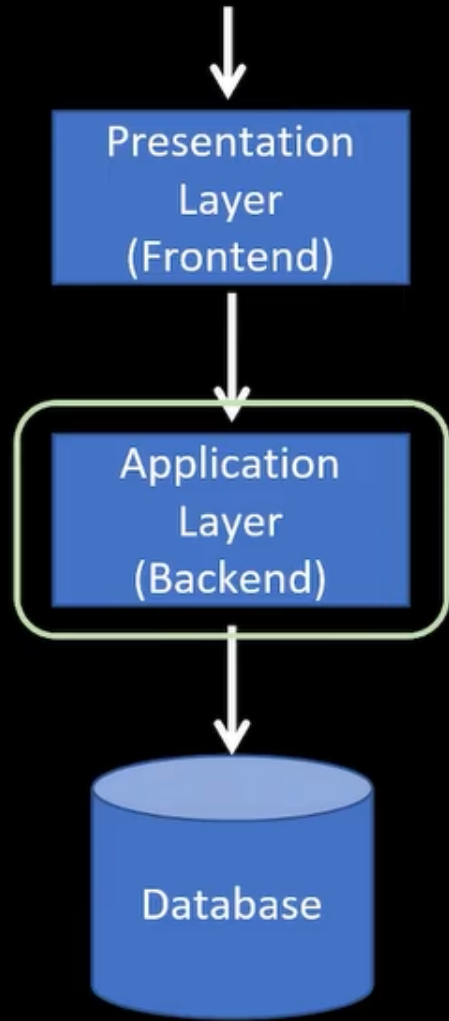
# 3 Tiers



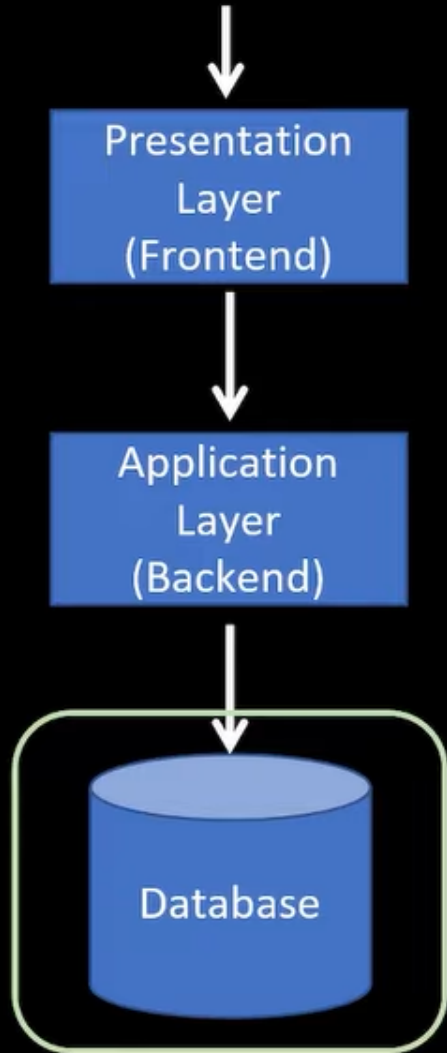
# 3 Tiers



# 3 Tiers



# 3 Tiers



ORACLE

MySQL™

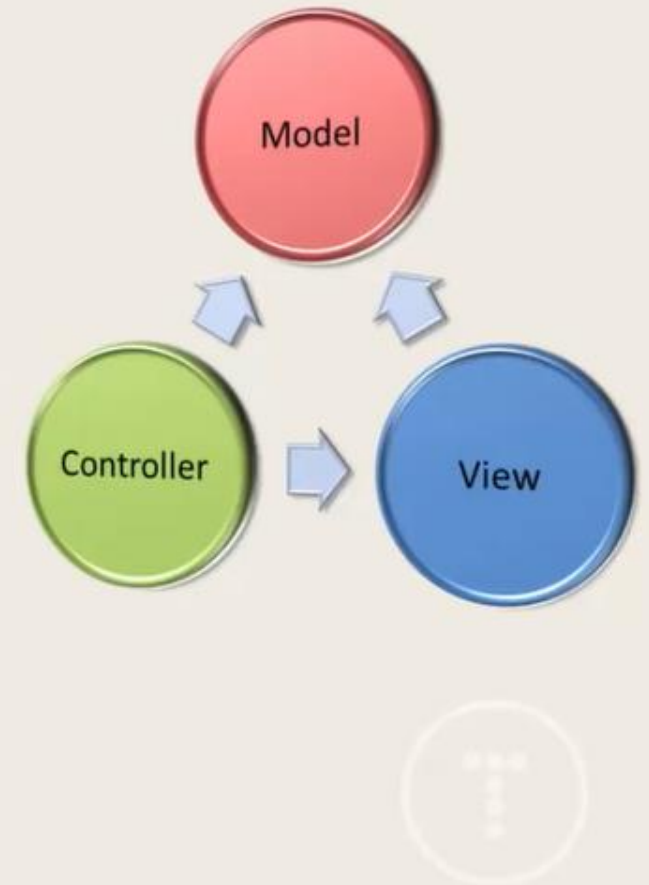
PostgreSQL

# 3 Tiers



# What Is MVC?

- *Model View Controller*
- Software Architectural Design Pattern
- One of the most frequently used patterns
- Separates application functionality
- Promotes organized programming





# Some Web Frameworks That Use MVC Concepts

- Ruby on Rails (Ruby)
- Sinatra (Ruby)
- Laravel (PHP)
- Codeigniter (PHP)
- Zend (PHP)
- Express (JS)
- Backbone (JS)
- Angular (JS)
- Django (Python)
- Flask (Python)



# Model

- Data related logic
- Interactions with database (*SELECT, INSERT, UPDATE, DELETE*)
- Communicates with controller
- Can sometimes update the view (Depends on framework)





# View

- What the end user sees (UI)
- Usually consists of HTML/CSS
- Communicates with the controller
- Can be passed dynamic values from the controller
- Template Engines



# Controller

- Receives input (from view, url)
- Processes requests (GET, POST, PUT, DELETE)
- Gets data from the model
- Passes data to the view



