

NODE.JS, EXPRESS & MONGODB

THE COMPLETE BOOTCAMP

SECTION

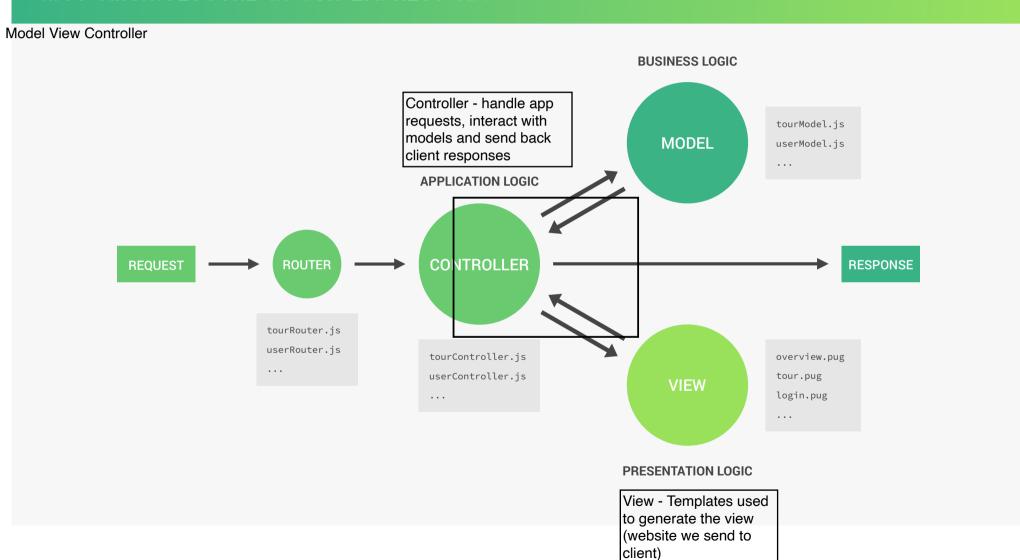
USING MONGODB WITH MONGOOSE

LECTURE

INTRO TO BACK-END ARCHITECTURE: MVC, TYPES OF LOGIC, AND MORE



MVC ARCHITECTURE IN OUR EXPRESS APP



APPLICATION VS. BUSINESS LOGIC

APPLICATION LOGIC





BUSINESS LOGIC

- Code that is only concerned about the application's implementation, not the underlying business problem we're trying to solve (e.g. showing and selling tours);
- Concerned about managing requests and responses;
- About the app's more technical aspects;
- Bridge between model and view layers.

- Code that actually solves the business problem we set out to solve;
- Directly related to business rules, how the business works, and business needs;
- **Examples**:
 - Creating new tours in the database;
 - Checking if user's password is correct;
 - Validating user input data;
 - Ensuring only users who bought a tour can review it.

Fat models/thin controllers: offload as much logic as possible into the models, and keep the controllers as simple and lean as possible.