

Laboratorul 7

Tehnologii Web



Obiectivele laboratorului



Scurta Recapitulare



Despre MVC



MVC in practica



Exercitii

Recapitulare

BD



Asa nu

```
// Sanitize and retrieve username from GET parameter
$username = $_GET['name'];

//SQL Injection
//name=' OR '1'='1
// Construct SQL query
$sql = "SELECT * FROM users WHERE name = '$username'";

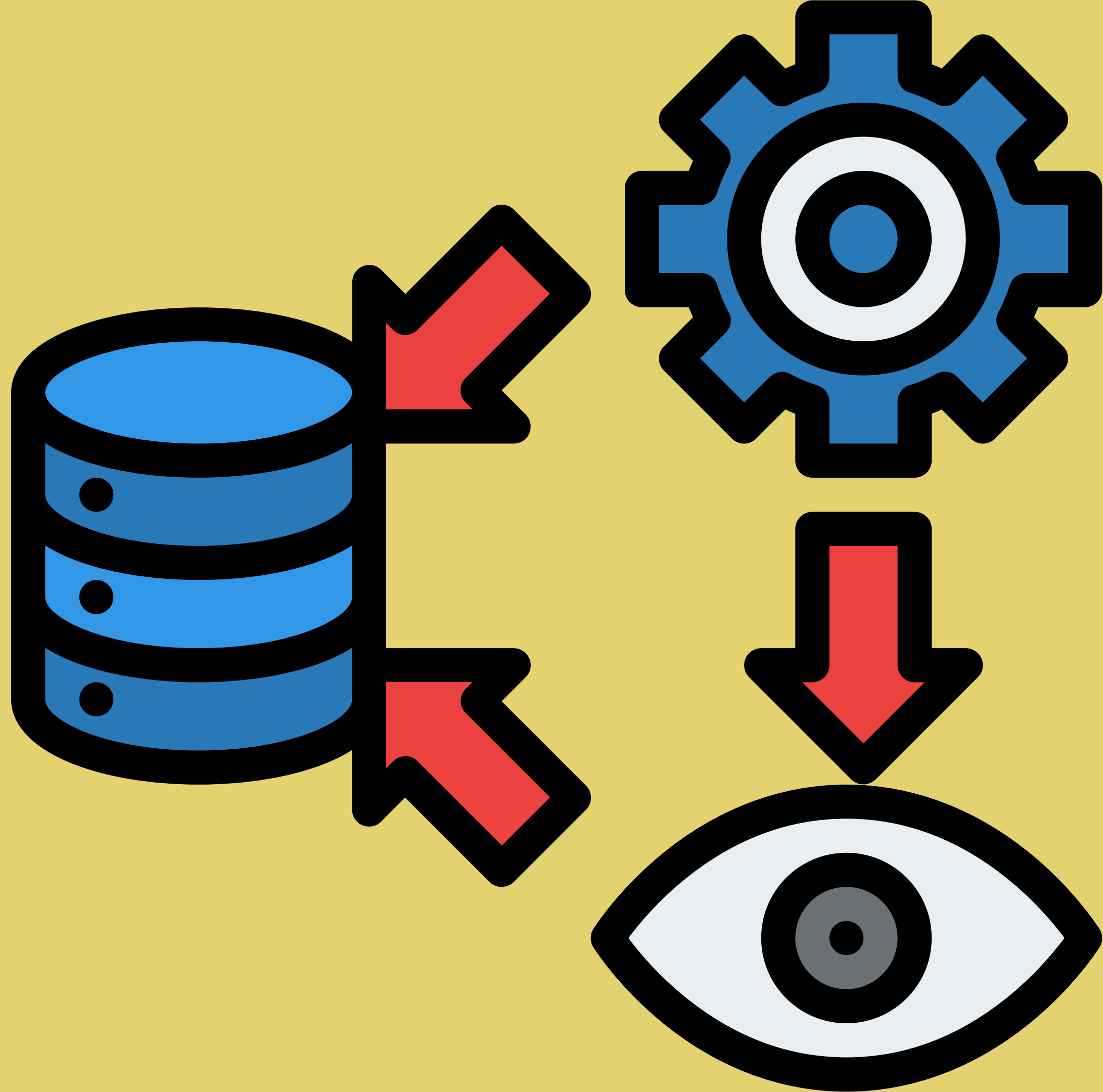
// Execute the query
$result = $conn->query($sql);
```

Asa da

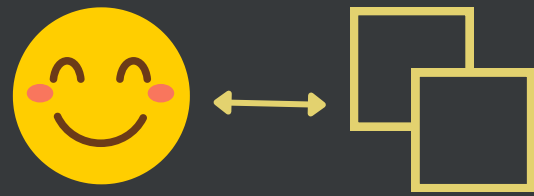
```
public function getUserById($id) {
    try {
        $sql = "SELECT * FROM users WHERE id = :id";
        $stmt = $this->pdo->prepare($sql);
        $stmt->bindParam(':id', $id, PDO::PARAM_INT);
        $stmt->execute();
        $user = $stmt->fetch(PDO::FETCH_ASSOC);
        return $user;
    } catch (PDOException $e) {
        echo "Error fetching user: " . $e->getMessage();
        return null;
    }
}

public function addUser($name, $email) {
    try {
        $sql = "INSERT INTO users (name, email) VALUES (:name, :email)";
        $stmt = $this->pdo->prepare($sql);
        $stmt->bindParam(':name', $name, PDO::PARAM_STR);
        $stmt->bindParam(':email', $email, PDO::PARAM_STR);
        $stmt->execute();
        return true;
    } catch (PDOException $e) {
        echo "Error adding user: " . $e->getMessage();
        return false;
    }
}
```

MVC



MVC



HTML, CSS, SVG, HTML APIs,
WebGL, WebXR, et

View

la nivel de client - e.g. Web



(No) SQL, JSON, XML (
XQuery), ...

Model

stocare persistenta



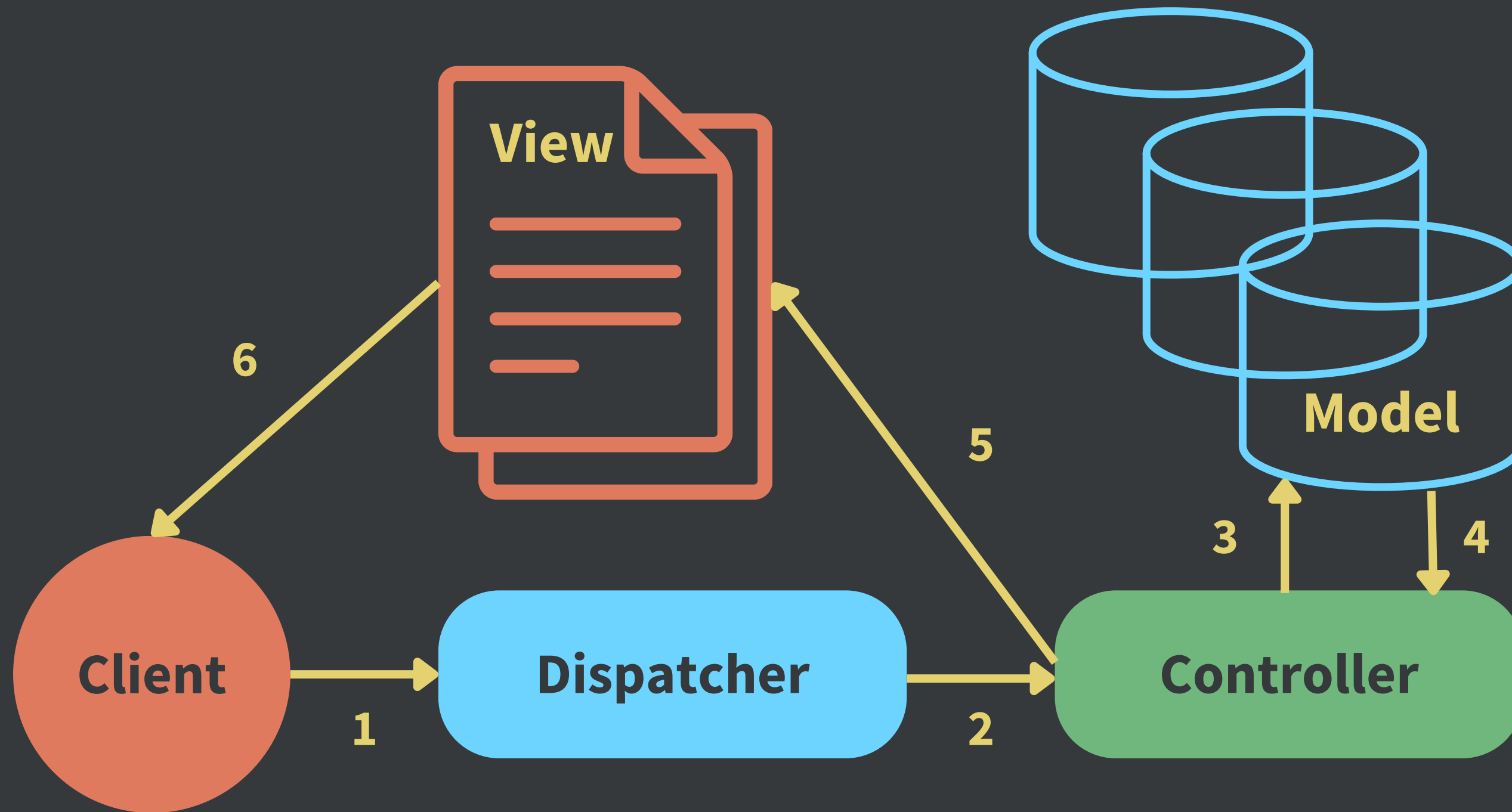
servere de aplicatii, framework-uri

Controller

aplicatie- server si/sau client



MVC



Cum funcționează?

Exerciții

**“THE WAY TO GET STARTED
IS TO QUIT TALKING AND
BEGIN DOING.”**

— Walt Disney