

This is the Server Render Cycle for Listing the teachers.

Step 1: There is a HTTP Request that is passed to the TeacherController (MVC controller).

Step 2: The controller passes it to the TeacherDataController.

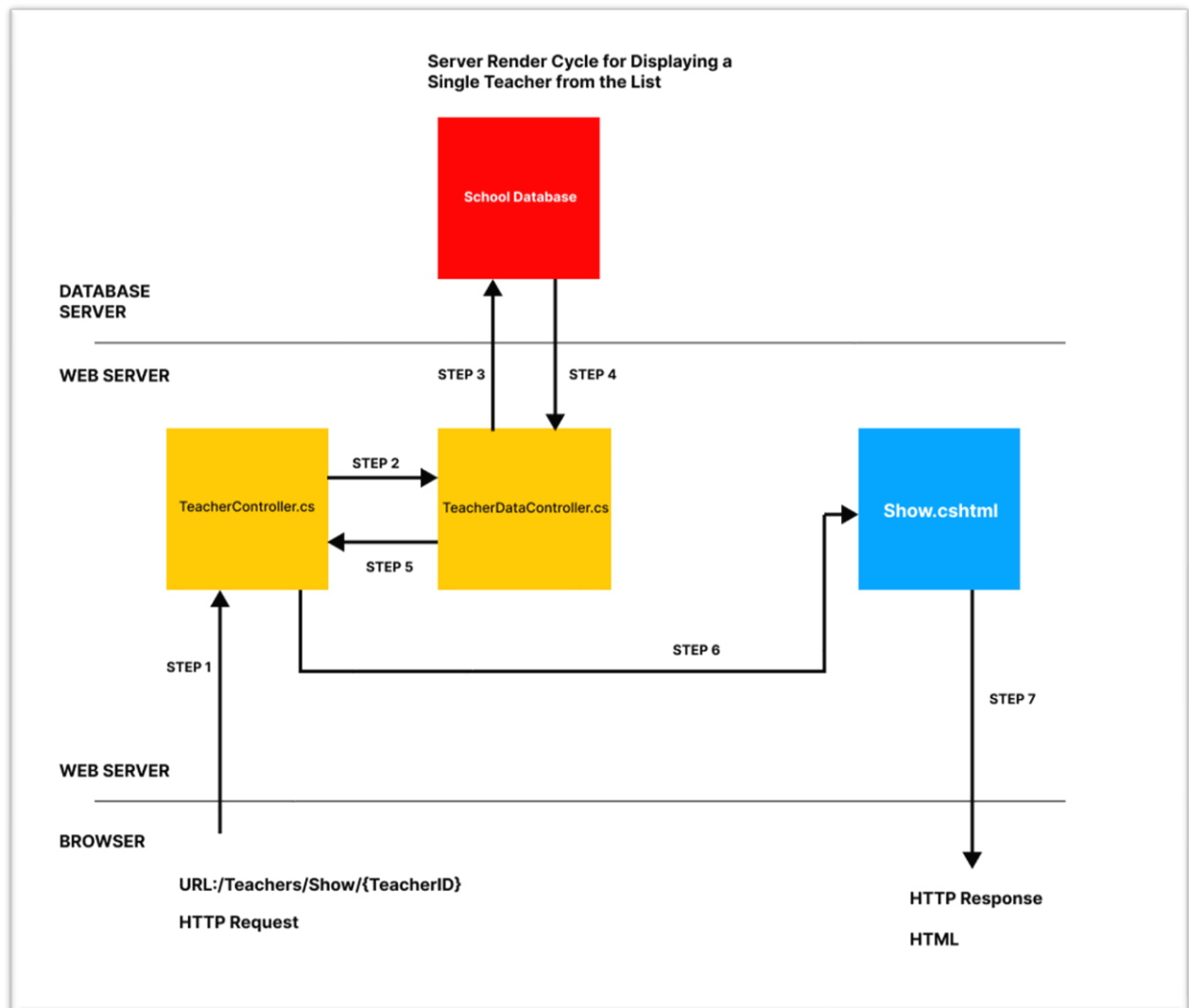
Step 3: The TeacherDataController sends the query to be executed to the database.

Step 4: The database executes the query and sends the results back to the TeacherDataController.

Step 5: The TeacherDataController takes the results and loads it into the NewTeacher object and sends it to the TeacherController.

Step 6: The TeacherController passes this data to the List View.

Step 7: The List View arranges this data and presents it to the user on the webpage using HTML.



This is the Server Render Cycle for Displaying a Single teacher from the List.

Step 1: The HTTP Request that is passed to the TeacherController (MVC controller) based on the teacher that the user clicks from the list.

Step 2: The controller passes it to the TeacherDataController.

Step 3: The TeacherDataController sends the query with the TeacherID to the database.

Step 4: The database executes the query and sends the details of the teacher back to the TeacherDataController.

Step 5: The TeacherDataController takes the results and loads it into the NewTeacher object (object name in C# Show() method) and sends it to the TeacherController.

Step 6: The TeacherController passes this data to the Show View.

Step 7: The Show View arranges this data and presents it to the user on the webpage using HTML.