**File Path without IwebHostEnvironment using** Directory.GetCurrentDirectory()

[HttpPost]

[Route("UploadLocal")]

public async Task<IActionResult> UploadLocalImage([FromForm] ImageUploadRequestDTO imgRequest) // Image upload method — file frontend form se aayegi

{

// Check kar rahe hain ki file null to nahi hai (user ne kuch bheja bhi hai ya nahi)

if (imgRequest == null || imgRequest.File == null)

{

return BadRequest("No file uploaded."); // Agar nahi bheja to error de do

}

try

{

// File ka type/size valid hai ya nahi check karo (jaise sirf jpg/png allow ho)

ValidateFileUpload(imgRequest);

// Upload hone wali image ko kaha save karna hai? => "LocalUploads" folder me

var uploadsFolder = Path.Combine(Directory.GetCurrentDirectory(), "LocalUploads");

// Agar "LocalUploads" naam ka folder exist nahi karta to usse create karo

if (!Directory.Exists(uploadsFolder))

{

Directory.CreateDirectory(uploadsFolder); // pehli baar ke liye folder banta hai

}

// Unique naam banate hain file ka (taaki kisi aur ki file overwrite na ho)

var fileName = $"{Guid.NewGuid()}{Path.GetExtension(imgRequest.File.FileName)}";

// Final path jaha image save hogi: e.g., C:/Project/LocalUploads/xyz.jpg

var filePath = Path.Combine(uploadsFolder, fileName);

// File ko is path par copy kar rahe hain stream ke through

using (var stream = new FileStream(filePath, FileMode.Create))

{

await imgRequest.File.CopyToAsync(stream); // async tareeke se save ho rahi hai

}

// Response return kar rahe hain — file ka naam, path, aur message

return Ok(new { FileName = fileName, FilePath = filePath, Message = "Image uploaded locally." });

}

catch (Exception ex)

{

// Agar kuch galti ho gayi to uska message de do

return BadRequest(ex.Message);

}

}

**Note: IWebHostEnvironment is not required**

//To store uploads inside wwwroot, using Directory.GetCurrentDirectory():

var uploadsFolder = Path.Combine(Directory.GetCurrentDirectory(), "wwwroot", "LocalUploads", fileNameWithExtension);

// Save the file to a local folder called "LocalUploads in project root

var uploadsFolder = Path.Combine(Directory.GetCurrentDirectory(), "LocalUploads", fileNameWithExtension);