INTERVIEW TEST FOR .NET DEVELOPER

Please read and understand before attempting to solve the problem.

Test: Upload Documents, Email the documents and Display in a Grid to open or view.
Technology Required: .NET (MVC) or .Net Core, (C#) and MSSQL
Purpose: The purpose of this exercise is to test your development ability and your turn around time in terms of solution development. It will also test your ability and proficiency in solution architecture and design.

Instructions :

Page 1

1) The page should accept **very** few Personal Data about the user which must include name and email address.
2) The page should have the capability to accept dynamic number of images/documents for upload. *(Dynamic number means: the user can decide to attach 2, 3, 4, 5 or more number of documents)*
3) The relationship is one to many; i.e one email address can have more than 1 documents attached to it.
4) On Click of upload for a document, the program must use the Document's name as the Document Title. *(The document title will be used when displaying the uploaded documents in Page2).*
5) The page should be able to give the user a unique **transaction number**.
6) During a document upload process, you must have a visual progress indicator to indicate what percentage or size of the document uploaded.
7) The page should have a submit button that binds all the uploaded documents and personal information together.
8) On Submission (i.e. Click of SUBMIT button in 7 above), the uploaded documents must be sent to the users email address automatically. I.E the user's specified email in step 1 above.

Page 2

1) The page should have two text boxes to input **email address** and **transaction number**. It must also have a command button.
2) On click of the command button, this action should bindall the earlier submitted details for this **particular email address** and **transaction number** combination to the page and also all the documents submitted to a Grid on the page.
3) Users should be able to click and view/open each uploaded document in the list of uploaded documents displayed in the grid in step 2 above.
4) If an invalid email/transaction number are used, appropriate error message should be displayed.