UKHO – Cloud/devops week2 – assignment

1) Add new endpoint as below:

POST `/batch/{batchId}/{filename}` Add a file to the batch

Creates a file in the batch. To upload the content of the file, one or more `uploadBlockOfFile` requests will need to be made followed by a 'putBlocksInFile' request to complete the file.

Parameters   Try it out

Name	Description
batchId * required string($GUID) *(path)*	A Batch ID `batchId - A Batch ID`
filename * required string *(path)*	Filename for the new file. Must be unique in the batch (but can be the same as another file in another batch). Filenames don't include a path. `filename - Filename for the new file. Must be unique in the bat`
X-MIME-Type string($MIME) *(header)*	Optional. The MIME content type of the file. The default type is application/octet-stream. `X-MIME-Type - Optional. The MIME content type of the file. T`
X-Content-Size * required number *(header)*	The final size of the file in bytes. `X-Content-Size - The final size of the file in bytes.`

Responses

Code	Description	Links
201	Created	*No links*
400	Bad request - Could be a bad batch ID; a batch ID that doesn't exist; a bad filename. Media type `application/json` ∨ Example Value | Schema ```{
"correlationId": "string",
"errors": [
{
"source": "string",
"description": "string"
}
]
}```	*No links*
401	Unauthorised - either you have not provided any credentials, or your credentials are not recognised.	*No links*
403	Forbidden - you have been authorised, but you are not allowed to access this resource.	*No links*

i. Files details i.e meta data should be stored in database

ii.Keep one static file on your application which we are going to upload to azure storage account when this endpoint is called.

iii. End point should be same as given in above swagger doc.

Do the following changes in your application.

1) Add Keyvault support in your application for managing secrets like db connection string and storage account key.
2) Add Azure storage account support in your application and perform below tasks.
   i)   When batch is created application should create container in azure storage account
   ii)   When you try addfile endpoint the file stored in in application should be uploaded in container created during createbatch
3) Move your current local database to Azure SQL Database
4) Use Azure Web App for running your web API