

**CS526 Enterprise and Cloud Computing  
Stevens Institute of Technology  
Assignment Four—Cloud Storage—FAQ**

**1. I set up the database as specified through the Azure portal, added a firewall rule to allow my IP address, and added the connection strings to my settings file. When I run the application in my browser on the local host, I receive a timeout exception.**

Since the entire database was being dropped, it had to be recreated in Azure (takes about 120 seconds), and when I would advance to the welcome page which calls `GetLoggedInUser()`, the query would timeout since the database was still being initialized.

To fix this, I added `this.Database.CommandTimeout = 180;` to the `ApplicationDbContext` constructor. This way, the Azure database has time to drop the existing database, recreate and initialize the new one, and execute the `GetLoggedInUser()` command on the welcome page without timing out.

See also:

- <http://stackoverflow.com/questions/32419297/timeout-when-setting-up-entity-framework-connecting-to-azure>

**2. I'm uploading the image to blob storage okay but the file is always 0 filesize and won't show. My URL's are correct and i'm using the same code for saving it to the file system (which works).**

You have to reset the stream position, for some reason it's pointing to the end of the stream. You can do this by just doing:

```
Stream inputStream = imageFile.openReadStream();  
inputStream.Position = 0;
```

before

```
await blobClient.UploadAsync(inputStream);
```