

**CS526 Enterprise and Cloud Computing**  
**Stevens Institute of Technology**  
**Assignment Three—Cloud Storage—Rubric**

-100 If your name is not in the footer for the Web pages.

-100 If your Stevens username is not in the names of resources (Web app, databases, storage account name, key vault name).

-100 Not enough testing: For demonstration, show at least two users with images uploaded, at least two images per user, at least one administrator and at least one supervisor (different users!). There should be users with User permission but not Administrator or Supervisor, and vice versa.

-50 Writing direct to console: Writing debug output using `Console.WriteLine` or `Debug.WriteLine` is fine for desktop programs, not so much for applications we will be deploying in the cloud. Use the logging API to write debug output, so it will still be available when you deploy in the cloud.

-100 if any confidential information stored in any appsettings file (Show user secrets and key vault setup in videos).

-50 if app is only deployed locally and not in Azure using Azure storage. Verify in browser that app is running in azurewebsites.net and images are stored in blob storage.

☐ 10: (*Video*) Administrator administering users, demonstration of users being enabled and disabled. Demonstration of denied access to user management by unauthorized user.

☐ 25: (*Video*) Image upload, list all images and images by user. Images are stored in Blob storage, and links for images specify Blob storage (View HTML source in Web browser to check URI for image in Details page). Use Azure Storage Explorer to show blobs for uploaded images in Azure Blob Storage. Connection strings for SQL Database and Cosmos DB specified in app settings file (not access keys!).

☐ 10: (*Video*) Demonstration of editing an image and deleting an image (actions not available for images uploaded by others).

☐ 10: (*Video*) Disabling a user removes all of their images.

☐ 20: (*Video*) ImageViews action displays log of image viewing activity (optionally just for today), ordered by the time at which the image was viewed. Use Azure Storage Explorer to show log records added in Azure Table Storage. Demonstration of denied access to log viewing by unauthorized user.

☐ 20: Application log files for demonstration.

☐ 5: Completed Rubric

Total: