

### Project Overview

In this project, you'll be given a simple Content Management System (CMS) for articles, where a user can log in, view published articles, and publish new articles. An article consists of a title, author, and body of text (to be stored in an Azure SQL Server) along with an image (to be stored in Azure Blob Storage).

The CMS includes the following components:

- A webapp using Python with the Flask framework.
- A SQL database that contains a user table and an article table for the webapp to query.
- A Blob Storage container where images are stored.

It will be up to you to create and manage the resources necessary to fully deploy both the necessary storage and compute resources for the app to Azure. As part of the project, you'll also need to analyze which resource best fits for app deployment between a VM or App Service. Lastly, you'll add in an authentication option to Sign in with Microsoft, as well as logging for successful and unsuccessful logins.

### App Example

Below is a screenshot from the Python Web Application, viewing an article that was created successfully.

Article CMS

Logout

## Edit Post


Title

Author

Body

Proin sit amet mi omare, ultrices augue quis, facilisis tellus. Quisque neque dui, tincidunt sed volutpat quis, maximus sed est. Sed justo orci, rhoncus ac nulla eu, rhoncus luctus justo. Etiam maximus, felis eu varius fermentum, libero orci egestas purus, id condimentum mauris orci nec nibh. Vivamus risus ipsum, semper vel nibh in, suscipit commodo massa. Suspendisse non velit vitae neque condimentum viverra vel eget enim. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Vivamus fermentum sagittis ligula et fringilla. Aenean nec lacinia lacus.

Save



Image

Choose File

No file chosen

An article from the deployed CMS app