

## G. Save Farmers

We are using Microsoft ASP.Net Core with Swagger API tools for quick testing and visualization.

For this project, we originally went with SQLite for its simplicity and quick building. This worked for the posting aspect of the project but when it came to making a login and connecting the website we realized that making all of it would be very time-consuming with SQLite. SQLite was good for a quick start but for the size of our project, we wanted to use something appropriate and give us the tools that would aid in scaling. Now we have fully switched to using ASP.net. Also Microsoft ASP.Net Core has a very simple way to connect itself to Azure, so possibly in the future, we could upload this all to work in the cloud.

This was not an easy switch. Writing the backend for the database was not simple and took quite a bit of time. Now that we have the backend, we have to attach it to the frontend that we already have. This part is simple but has its quarks. 2 out of the 3 team members use Macs as their primary machines but ASP.net doesn't work on Macs. So they are using the home desktops to work on the project. Setting up the project and the switch took some time to get working. But now we are working on the connections to the API and fixing the problems along the way.

Currently, we are working on connecting the back end to the front end. Login and Signup are working but we still need to get the profile page and posting working. After that, we have other aspects to work on but first, we are focusing on getting the main functions of the app working.