You may need a custom validator for a WTForm if the built-in validators do not satisfy the needs for a validator, like if you required field submissions to be in a certain format. You would need to make sure you define a validator with form and field as parameters and you raise an error with a message in the function. You may also want to include some conditional statement to qualify the error you want to raise.

There are a few Flask extensions that I could potentially use in applications, such extensions are HTMLBuilder, Cache, and Bcrypt. The functionality these extensions present allow the workload to be diminished and, in some cases, the effectiveness of a chosen task (such as hashing data like in Bcrypt as opposed to doing it manually) to be increased. An extension like Cache would allow a user to have a better experience by lowering loading times. For example, I made a web-app for Assignment 1 that ran slowly when searching from an API. I could use the Cache extension to assist in caching the form/results.