## H.P.P

## (Hybrid Portfolio Project)

An hybrid application with a docker network consisting of three docker containers:

The first container will hold the Vue client side UI.

The second container will hold the Go API, Tensorflow model(s) and file storage for images uploaded by the user.

The third container will hold the Mysql database for all user data from predictions to mapping of the files back to the storage container.

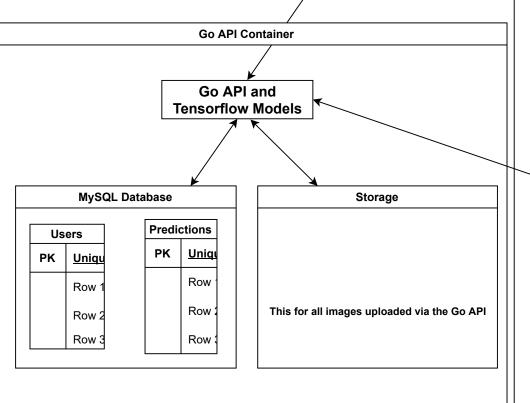
**Vue Application Container** 

Vue Application

**Hybrid Network Container host in AWS ECS** 

User uses the H.P.P Via the Vue User Interface

Based on the user actions request will be made from the UI to the Go API container of which holds the API



Creating of Users.

Making predictions based on images, then returning the prediction back to the user as well as storing the prediction for the users later access. The images will be stored with the Storage folder and mapped via the predictions table back to the storage folder.