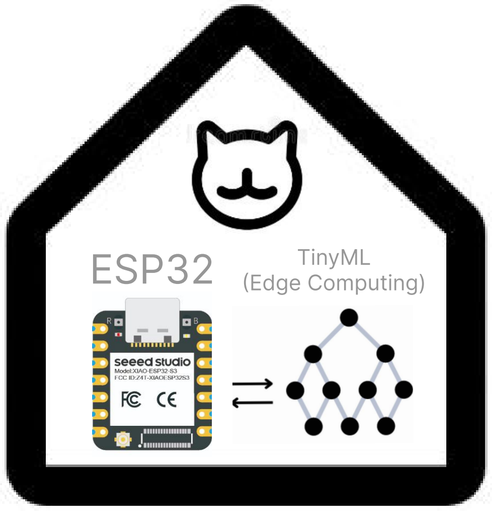
Software Architecture



Cat House Product
(IoT Device)

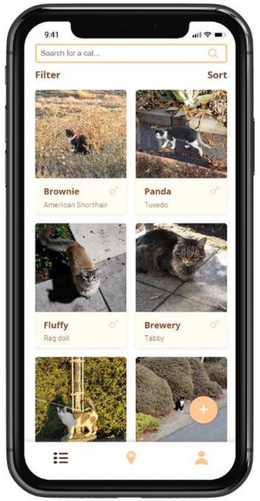
Wi Fi

Data Transmission

Azure

Data Storage
(Cloud Computing)

Data Transmission



Web App
(End User)

HTML JS CSS

App Development

Figma

UX Prototyping

Power BI

Data Center

Algorithm	**Transfer Learning TinyML Model on Edge Impulse - Easy to train and maintain**
Software	**Arduino(C++ Programming), Azure(Cloud Storage), VS Code (Web App), Git**
Results	**Calibrated Weight Sensor Data, Distance Sensor Data, ML Results for Cat Recognition, Live Streaming Screen**