We discussed developing an Adaptive App Screen the last time we met. At a high-level the apps on the screen (Mobile or vehicle HMI) rearrange based on usage patterns of the identified personas.

Our goal will be  to deploy the Prediction Plugin (code + trained model) on a Raspberry Pi and demonstrate the adaptive app screen on a Raspberry Pi 7" display.

We will develop the solution iteratively in 2-week Sprints and make adjustments to the final goal as needed.  We will first develop the solution on a laptop and then migrate it to Raspberry Pi

To get started,

1. Begin writing the objective, user stories (requirements) and assumptions in a document. We will add design, functional decomp and capture the final outcome to this document.

2. Obtain data sets from the internet on Mobile App usage by personas.  If we cannot find any then we will need to create synthetic data sets.

Diagram

Description automatically generated