Home Maintenance Minder

Description

The Home Maintenance Minder mobile software will help you to keep your home safe for your family while assisting you in the tasks to maintain various appliances around your house reducing costly repairs and damages.

Home Maintenance Minder helps guide you in performing timely tasks while rewarding you at the same time - the more focus you have on maintaining your appliances, the more you're rewarded. With its reminder feature, your appliances stay in their best working and safest condition.

Features

- Maintain multiple appliances around your home
- Keep maintenance records on your appliances
- Schedule regular professional maintenance appointments
- Get notified of standard maintenance tasks to perform for various appliances
- Provides in-app videos of common maintenance procedures
- Earn points for keeping your appliances safe and up-to-date

CSC 595 Applicability

This idea fits into the connected home with rewards category. By guiding the owner into better appliance maintenance via rewards, a safer home environment can be achieved. Coupled with sensor feedback additional levels of engagement can be realized.

Sensors can also be used utilized for identification in addition to fault tolerance for better response times for failure modes.

The main workflows, inventory information, interaction with the rewards system, and system identification via sensor should all be able to be completed during the class time allocated. Stretch goals would be around embedding videos and integrating sensors for failure modes. However, based upon prioritization other items could be realized ahead of others.