

Project Overview

Mission

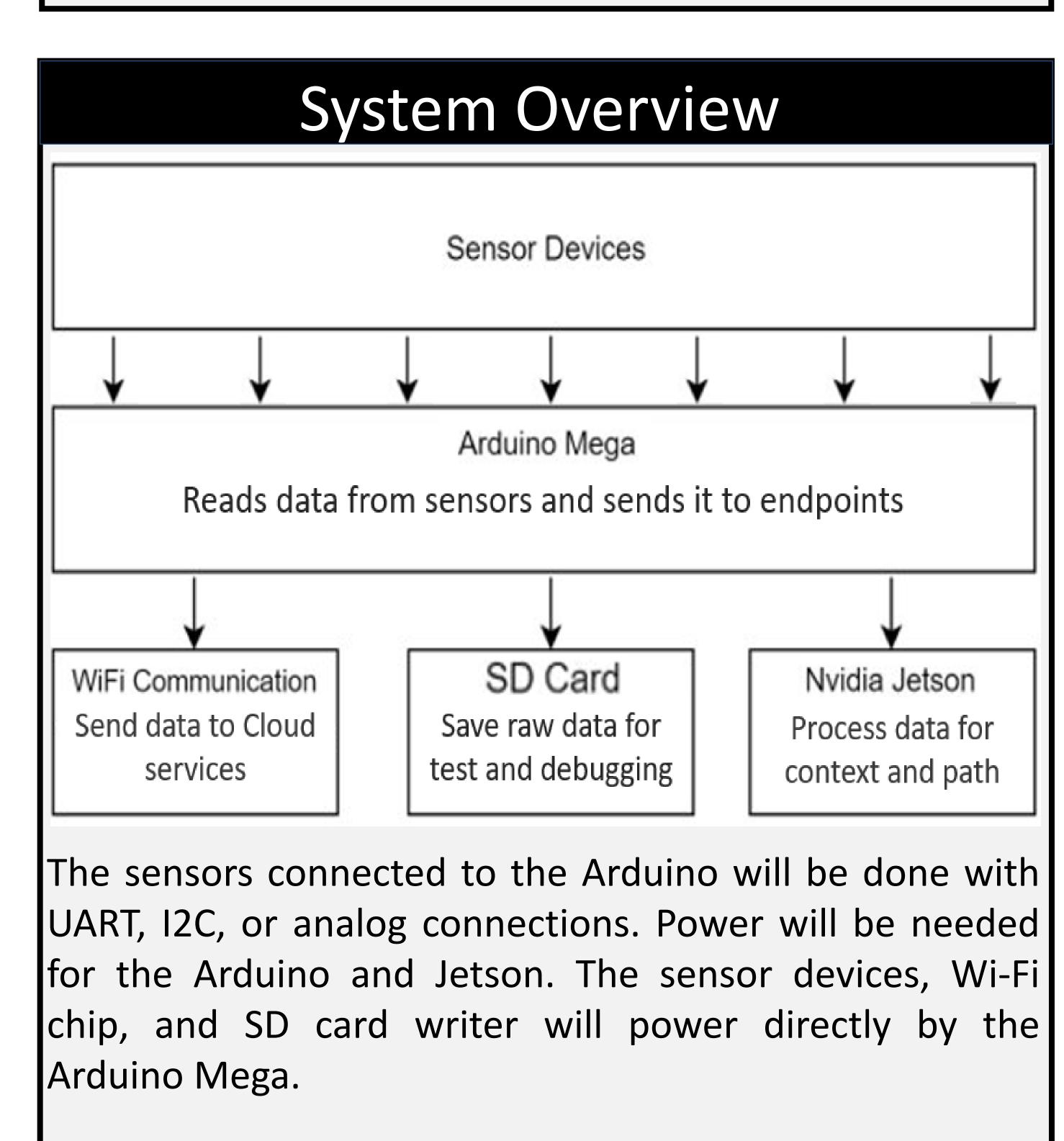
Aid people with limited mobility to navigate around easily and safely

Goal

Create a kit to allow the conversion of normal wheelchairs into smart self-driving ones.

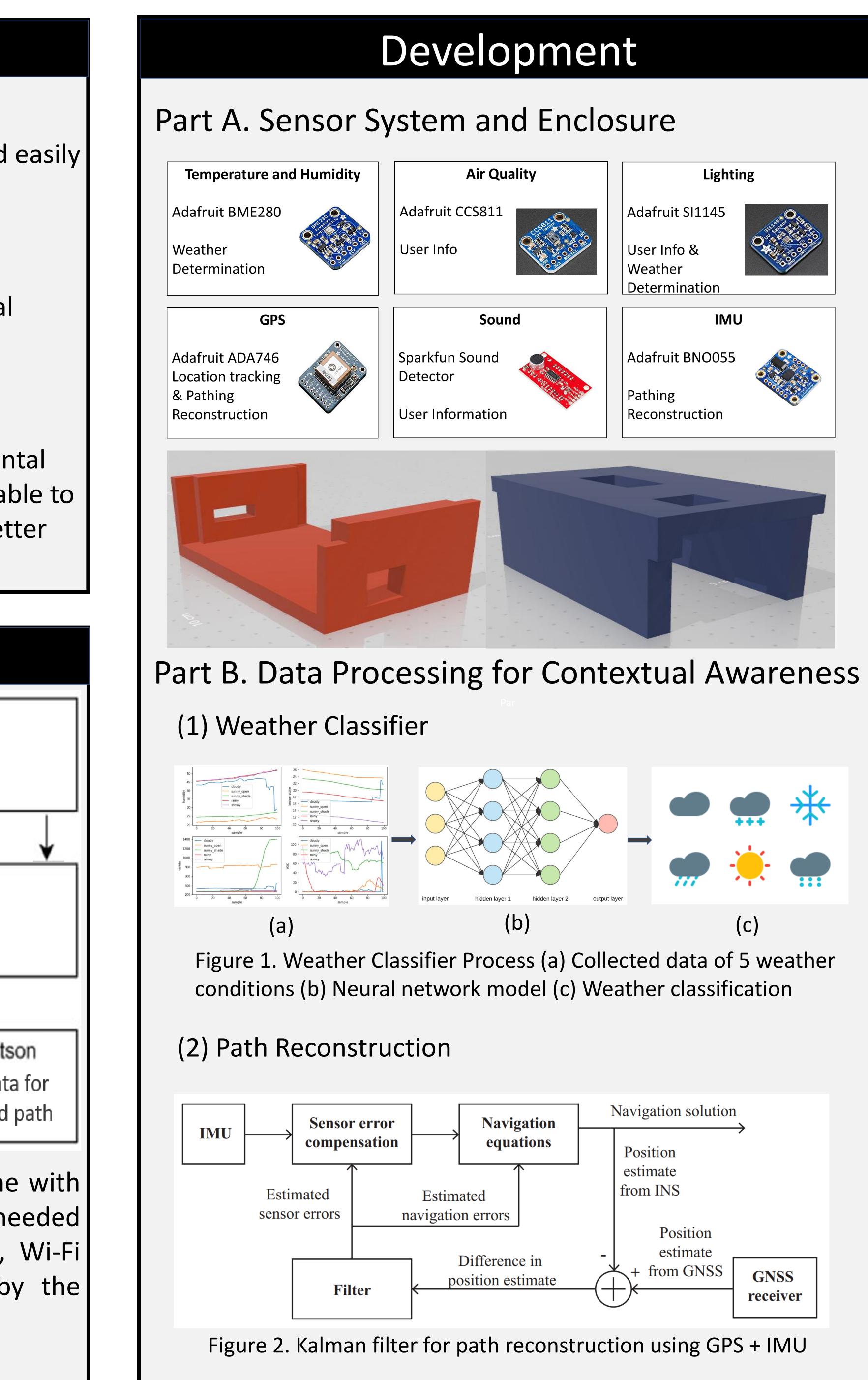
Scope

Create a sensor suite that can detect environmental context cues and calculate trajectory traveled. Be able to relay information from sensors to allow users better understanding of environment they are in.



Contextually Aware Autonomous Wheelchair

Benton Kwong, Yeyun Lu, Jesse Lu Sponsor: Taskar Center for Accessible Technology Industry Mentor: Anat Caspi | Faculty Advisor: Howard Chizeck



finish.

