**A picture containing text, clock

Description automatically generated**

**ParkSense**

User Manual

CSE 550: Software Engineering

Team #8

Karthik Malyala

Charles Weiss

Lauren Mikula

Cameron Vincent

Makayla White

Stone Barrett

**General:**

1. Install NodeJS
2. Install cv2 by running pip install opencv-contrib-python
3. Install numpy by running pip install numpy
4. Install pymongo by running pip install pymongo

**Frontend:**

1. Download or Clone the frontend repository from the below GitHub Link:
   1. <https://github.com/chuckweiss/park-sense-frontend>
2. Run the following command in the terminal for the frontend of the application:
   1. npm i
   2. npm start

**Backend:**

1. Download or Clone the frontend repository from the below GitHub Link:
   1. <https://github.com/chuckweiss/park-sense-backend>
2. Run the following command in the terminal for the backend of the application:
   1. npm i
   2. npm start

**Vision:**

1. Download or Clone the frontend repository from the below GitHub Link:
   1. https://github.com/KarthikMalyala/ParkSense
2. Adjust your designated pixel areas by uncommenting this part of the code and adjusting it according to your desired slots: Text

   Description automatically generated
3. After finalizing the slots, uncomment the cv2 lines and adjust the slots accordingly to the values desired
4. Run the code in a desired IDE to see the results being transferred over to MongoDB