**Data management plan**

**Project Title: 471 - Safe Decision-Making in Interactive Environments**

**PI: Yorie Nakahira**

**Deployment partner: Helen Loeb**

We will produce data from modeling, simulation, and experiments. Modeling data will be sourced from numerical methods. Simulation data will be sourced from simulators. Experimental data will be sourced from prototyping and deployment. We use standard data formats for all data. Data is stored in text files or as image and video files. The laboratory policies are to document all sets of data files in a “readme” file in each directory. All team members are expected to keep detailed research notebooks and a permanent written record of the project. Entries in the notebooks are regularly reviewed during group meetings and one-on-one discussions. All computer-generated data (both experimental and theoretical) are stored on local laboratory computers and uploaded at the end of each day to a remote cloud-based server (Box at CMU). The experimental data will be kept by both CMU and our deployment partner. We will store backup data at the institutes of the members who participated in the project. We will have selected students of the project members to maintain the data with the assistance of the technology services of the designated institutes. Our policy is to share all data and information after we publish our results in peer-reviewed journals. The data will be shared either in the official repository of the journal publication or Github. Occasionally, results will also be shared in the classroom for synergy between research and teaching.