

## *EE/CprE/SE 492 WEEKLY REPORT 8*

### *Availability Prediction Based on Multi-Context Data*

#### *Week 8 Report*

**3/30/19-4/05/19**

**sdmay19-33**

**Client & Advisor: Goce Trajcevski**

#### *Team Members:*

**Justice Wright: Report Facilitator**

**Shane Impola: Scribe**

**Noah Chicchelly: Meetings and Communications Facilitator**

**Nick Schmidt: Software Systems Engineer**

**Tristan Anderson: Network Systems Engineer**

**Brendon McGehee: Hardware Systems Engineer**

#### *Weekly Summary*

This is the week everything came together. With a freshly minted algorithm ready to go the backend team worked hard to flawlessly integrate it to our data flow process. From there all team members helped take part in integration testing of their respective domains. With a few minor corrections, everything is finally together functioning as intended.

#### *Past Week Accomplishments*

Integration Testing - Brendon and Justice

- Completed Integration testing from hardware end
- Oversaw and validated integration testing results of backend/frontend

Backend - Noah

- Implemented algorithm in backend

Backend Validation - Shane

- Worked with Noah to implement the algorithm in backend
- Performed and cross validated testing of backend with hardware team

Front End Validation - Tristan and Nick

- Oversaw and aided in the backend algorithm implementation
- Performed and cross validated testing of front end with hardware team

### *Hours Report*

<i>Team Member</i>	<i>Weekly Hours</i>	<i>Total Hours</i>
Justice Wright	4	34
Shane Impola	4	33
Noah Chicchelly	5	33
Nick Schmidt	4	34
Tristan Anderson	4	35
Brendon McGehee	4	37

### *Upcoming Week*

#### **Shane and Noah**

- Research opportunities for in restaurant testing

#### **Justice and Brendon**

- Devise testing scenario according to results of opportunities

#### **Tristan and Nick**

- Assess feature backlog and determine what (if any) features we want to prioritize