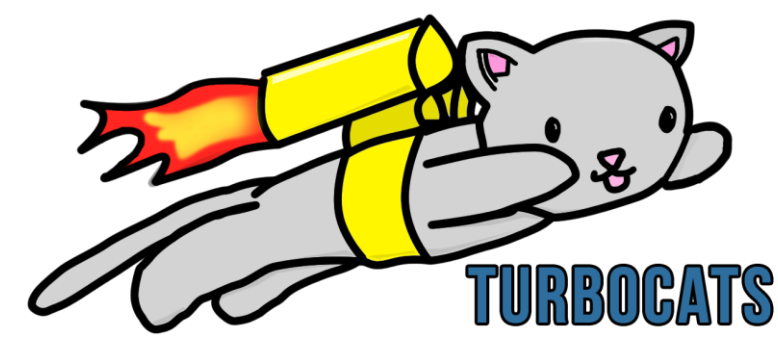


LASS: Location Aware Shelf System



Ben Trodd, Jeremy Steward, Harshini Nanduri, Alexandra Cummins and Kathleen Ang

Internet of Things (IoT) is a scenario in which objects, animals or people are provided with unique identifiers and the ability to automatically transfer data over a network without requiring human-to-human or human-to-computer interaction.



Open Geospatial Consortium (OGC) is an international industry consortium of 472 companies, government agencies and universities participating in a consensus process to develop publicly available interface standards.

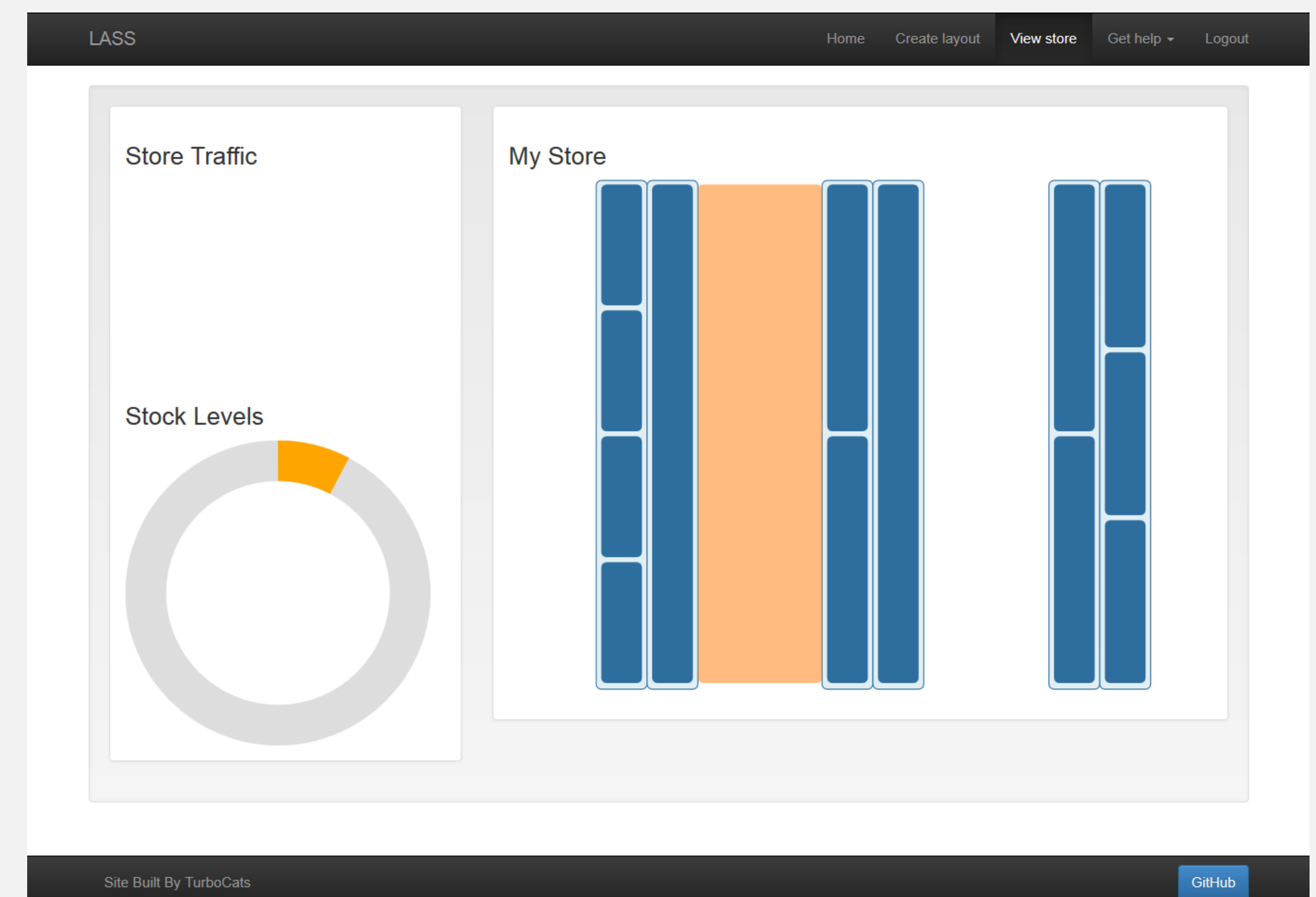
This project will be focused on developing a “smart shelf” that can track store traffic and shelf stock throughout the store.

The sensor / hardware component deals with the development of a prototype smart shelf that can update sensor readings to OGC SensorThings API.

The software/Web component allows a user to visualize data collected from the shelves.

Insert
prototype
here?

This project will be developed as a Free, Open-Source Software (FOSS) and can be further hacked or improved upon for a variety of different applications



One goal of this project is to serve as an example for developers looking to develop an IoT application using the OGC standard



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