**MOTIVATION**

**DELIVER THE RIGHT PRODUCT TO THE RIGHT STORE AT THE RIGHT TIME.**

- Roll out to all Wegmans departments
- No need for an excel expert
- Supported by IT department
- Labor savings
- Mobile friendly
- Maximize profits

**PROCESS**

- Test driven
- Emphasis on pair programming
- Open to changes in requirements
- First term
  - 4 week sprints
  - Lower velocity
  - Focus on collaboration
- Second term
  - 2 week sprints
  - Increased velocity
  - Focus on distributed efforts

**PLANNING/FEEDBACK LOOPS**

- Release Plan
- Iteration Plan
- Acceptance Test
- Stand Up Meeting
- Pair Negotiation
- Unit Test
- Pair Programming
- Code

**PRODUCT**

- Use historical and current data to generate a forecast for the replenishment of an item
- Consolidate data into manageable views
- Improve upon the existing workflow
- Potential to automate most of the workflow

**WEB APPLICATION**

- Adheres to DRY Principle
- Easily scalable
- Distributed Architecture
- Web App follows standard MVC structure
- Web App makes AJAX requests to Engine’s Job Controller to run jobs
- Providers, data models, and database are shared between Engine and Web App

**ENGINE**

**TECHNOLOGY**

- SQL Server
- Visual Studio
- .NET
- HTML/CSS/JS
- Bootstrap
- Dapper
- Autofac