

Team Name: sdmay24-41

Team Members: Amy Hartjen, Logan Schmit, Erik Sandberg, Alex Reynolds, Patrick Origer, Greg Carter, Devin Amdahl

Report Period: Sept 11-Oct 24

Summary of Progress in this Period

In the last two weeks, we completed and closed the following issues:

Past Sprint:

- Develop Entity Relationship Diagram
 - Issue(s): #10
- Received Slides for CI/CD from Professor Mitra
 - Issue(s): #7
- Reach Out to Xinyao About the Server
 - Issue(s): #12
- Need to Find a Day and Time for Bi-Weekly Meetings with Advisor
 - Issue(s): #8

Current Sprint:

- Create API Spreadsheet and Endpoint Template
 - Issue(s): #44
- Create User Accounts on the Team Server
 - Issue(s): #39
- Request and Receive Server from ETG
 - Issue(s): #38

Outside of the issues we completed and closed, we solved or received answers to the following questions:

- What alternative options are there for dynamically updating vendors?
- Degree Day
 - Are different pests specific to each rose? Or are all roses vulnerable to all pests?
 - Where to get temperature information from?
 - Where to pull pest information from/rose info from?
 - Are there specific pests we need to track?
 - Do we want the capability to add pests/remove pests?
 - Is the focus on just Central Iowa?
- What are possible hostnames for the website?
- What extra information do we need for the fluid key/need to filter by?

Pending Issues

- Not Started
 - Convert Backend to Use JPA Repository
 - Issue(s): #13
 - Create a UI Prototype for the "Vendors" Page (Desktop)
 - Issue(s): #42
 - Create a UI Prototype for the "About Dr. Griffith Buck" Page (Desktop)
 - Issue(s): #41
 - Set Up Frontend Skeleton
 - Issue(s): #1

- In Progress
 - Determine/Evaluate Plans for Testing
 - Issue(s): #40
 - Progress: Discussed with the team. Made plans for TDD. Decided on Jest and JUnit. Began formalizing an API to create tests for backend to follow.
 - Begin Creating Core API Endpoints
 - Issue(s): #43
 - Progress: Created function tags for retrieving data from the database
 - Create a Spreadsheet to XML Converter
 - Issue(s): #21
 - Progress: Researched methods through multiple Java libraries and wrote part of the converter's functionality. Working to finish fully and test on the complete spreadsheet.
 - Research and Plan Degree Day For Website
 - Issue(s): #37
 - Progress: Researched how Degree Day should generally work for the website, learned from the client of its requirements, and located some of the needed resources for this functionality to work, pest information, and weather API service. Working on continued research of Degree Day calculations, determining the right weather API service, and looking into how the Degree Day tool should be utilized.

- Testing
 - N/A

- Waiting
 - Create SQL Tables
 - Issue(s): #36

- Reason: Waiting to be reviewed by two team members prior to the acceptance of the merge request.
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Plans for Upcoming Reporting Period

- Decide What Web Server Will be Used
 - Issue(s): #46
 - Research Fluid Key Implementation
 - Known attributes:
 - Max height
 - Max width
 - Rosebud
 - Open flower colors
 - Bud shape
 - Flower shape (single, double, or full)
 - Issue(s): #49
 - Add Swagger UI to Project/First Controller
 - Issue(s): #48
 - Create Schema Spreadsheets for All Entities
 - Issue(s): #51, #52, #53, #54, & #55
 - Transfer Griffith Buck Images to the Server
 - Issue(s): #50
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