**CSC 450: Sprint Retrospective**

**Project Title: Leaf Disk Pathogen Analyzer**

**Sprint Number: 2 Sprint End Date: March 3rd, 2019**

**Name of Scrum Master: Connor Jansen**

1. **[2 points] Initial estimation of User-story, Tasks, and Hours:** 
   1. **Our initial estimation for this sprint was to complete User Story 001, since it is the core function of our program, which would encompass 8 tasks for a total of [edit] working hours. We also estimated that we could get a majority of User Story 003 as well, so around 3 to 4 tasks. This User Story encompasses 6 tasks totaling to 6.5 working hours.**
2. **[2 points] Actual completed in this sprint (User-story, Tasks, and Hours):**
   1. **For actual completion in this sprint, we completed User Story 001 and all its associated tasks. We also completed a 3 tasks of User Story 003. Together, these totaled to around x hours for this sprint.**
3. **[2 points] Estimation for next Sprint (User-story, Tasks, and Hours):**
   1. **For our next sprint, we’re looking to finish off the tasks remaining in User Story 003 and start working on/hopefully finish User Story 005 which contains the tasks for setting up the GUI and connecting it to our functions. We’re also looking into starting US004 as well since its functions rely on the GUI.**
   2. **We look to accomplish the 14 tasks for User Story 005 which totals to [edit] hours and the remaining tasks for User Story 003 total to 3.5 hours. The tasks we will look to start with User Story 004 will amount to 4 hours from tasks US004-T1 through US004-T4. Total we hope to complete a total of [edit] hours.**
4. **[1 point] What worked well in this Sprint?**
   1. **We got more definitive in our positions, around half way through the sprint, as to what each person will be doing this sprint so figuring that part out helped a lot with getting tasks done and delegating them once one was completed. Also, we had better communication regarding our tasks and whether we needed help completing them. Overall communication was key, and we hope to keep it up for our further sprints and show further progress.**
5. **[1 point] What did not work well in this Sprint?**
   1. **At the beginning of the sprint, the way we had our tasks set up wasn’t the most optimal way of handing them out. We had too many User Stories being assigned at the same time which inevitably would have us showing zero velocity. So, because of this, we needed to refactor our tasks and User Stories to make sure we could get at least one User Story completed which ended up taking a majority of our first week of this sprint.**

***Individual team member contributions:***

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| --- | --- | --- | --- |
|  | **Team Member Name** | **Specific contributions during this sprint** | **Level of contribution during this Sprint (on a scale of 0-100% for each member)** |
| **1** | Emily Box |  |  |
| **2** | Connor Jansen |  |  |
| **3** | Erica Gitlin |  |  |
| **4** | Alex Wilson |  |  |
| **5** | Colton Eddy |  |  |
| **6** | Kyle Sargent |  |  |