Sprint 2 Materials

Team 64

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Retrospective Summary

During our retrospective meeting, we discussed what happened during our second sprint, and what went well or could have gone better. During this sprint, we made significant progress towards completing our project. We completed almost all of our front end GUI, added multiple API calls to get the current weather and implement a translator, and hooked up our database to the front end. This sprint we did a good job of splitting up our work and communicating what needed to be done properly. This allowed us to complete tasks without butting heads, and successfully make headway into our backlog. However, we tend to complete work slower than expected if we have not had a team meeting in a while, so we need to improve scheduling and assigning work on the fly. If anything went wrong, or someone finished their tasks too quickly, we tended to sit idle and wait for the next meeting instead of reassigning on the fly. This could be improved going into sprint three in order to meet our goals going forward. Depending on how we improve on these points and how well we estimate the time required to complete certain tasks, we may need to cut down on some of our stretch goals in order to get our product fully functional and properly clean in time to meet our deadline. The stretch goals in question are an indicator in order to notify a customer that their smoothie is ready in the order page, and an automatic profit analyzer for the manager.

GitHub Release Link

https://github.com/CSCE315-Spring23/CSCE_315_Team_64_Project3/releases/tag/sprint2tag1

Product Backlog : Not Started Yet

D | Task Description | Priority | Time Estimate | Status | Point Value
5 | Implement API for employee management | High | 4 hours | Not Started| 5
6 | Implement API for restaurant analytics | High | 4 hours | Not started| 5
8 | Develop database access layer | High | 3 hours | Not Started | 8
9 | Create test data for development | High | 4 hours | Not Started | 3
12 | Set up continuous integration | High | 4 hours | Not Started | 3
17 | Implement User GUI account management | High | 4 hours | Not Started | 5
18 | Implement User GUI order tracking | High | 4 hours | Not Started | 5
22 | Implement Server GUI employee clock-in | High | 4 hours | Not Started | 5
29 | Create unit tests for API endpoints | High | 2 hours | Not Started | 8
30 | Create integration tests for GUIs | High | 3 hours | Not Started | 8
31 | Conduct usability testing for User GUI | High | 1 hours | Not Started | 5
32 | Conduct usability testing for Server GUI | High | 1 hours | Not Started | 5
33 | Conduct usability testing for Manager GUI| High | 1 hours | Not Started | 5
34 | Review and address usability feedback | High | 1 hours | Not Started | 8
36 | Deploy application to production | High | 2 hours | Not Started | 3
38 | Develop technical documentation | Medium | 2 hours | Not Started | 5
39 | Let users change colors of font | High | 1 hours | Not Started | 3
40 | Monitor application performance | High | As needed| Not Started | 5
41 | Gather user feedback | High | 2 hours| Not Started | 3
42 | Make GUI more aesthetically pleasing| Medium | As needed | Not Started | 5
43 | Address user feedback | Medium | As needed | Not Started | 3
46 | Implement feature enhancements | Medium | As needed | Not Started | 5
47 | Conduct code reviews | Medium | Ongoing | Not Started | 3
48 | Allow changing languages in the GUI | Medium | As needed | Not Started | 5
49 | Make the GUIs mobile-friendly | Medium | 2 hours | Not Started | 8
50 | Check the most profitable items of the restaurant | Medium | Not Started | 3

Product Backlog : Finished/In Progress

D | Task Description | Assigned To | Time Spent | Status | Point Value

1 | Order a Smoothie through the Menu| Leo, Logan | 5 hours | Finished | 8
2 | Set up version control | Logan Talton | 30 minutes | Completed | 2
3 | Set up development environment | Everyone| 90 minutes| Completed | 2
4 | Implement API for orders | Vinay, Leo | 2 hours | Completed | 5
5 | Design User GUI layout | William | 1 hour | Finished | 3
6 | Develop Server GUI framework | Logan, Syed | 4 hours | Finished | 8
7 | Design Server GUI layout | William | 1 hour | Finished | 3
8 | Add Google translate feature to the GUI | Syed |90 minutes | Finished | 5
9 | Develop User GUI framework | Syed | 4 hours | Finished| 8
10 | Implement User GUI menu browsing |Syed| 30 minutes | 3 days | Finished| 5
11 | Develop Manager GUI framework |Vinay| 4 hours | Finished | 8
12 | Implement Manager GUI employee overview |Vinay, William| 2 hours| Finished| 5
13 | Implement Manager GUI inventory control |Vinay| 1 hour | Finished| 5
14 | Design database schema | Vinay, Leo | 1 hour | Finished | 8

16 | Implement Server GUI order management | Vinay, Leo | 2 hours | In Progress | 5
19 | Implement API for menu items |Leo, Logan, Vinay | 2 hours | In progress | 5
20 | Implement API for orders | Leo, Logan, Vinay | 1 hour | In progress| 5
21 | Implement user authentication |Leo | 30 minutes| In Progress| 5
22 | Add weather to user GUI |Syed, William| 2 hours | In Progress| 3
23 | Implement User GUI order placement |Syed, William| 1 hour |In Progress| 5
24 | Implement Manager GUI sales analytics |Vinay, William |1 hour |In Progress | 5
25 | Implement Manager GUI menu management |Vinay| 1 hour |In Progress| 5

Sprint 2 Backlog

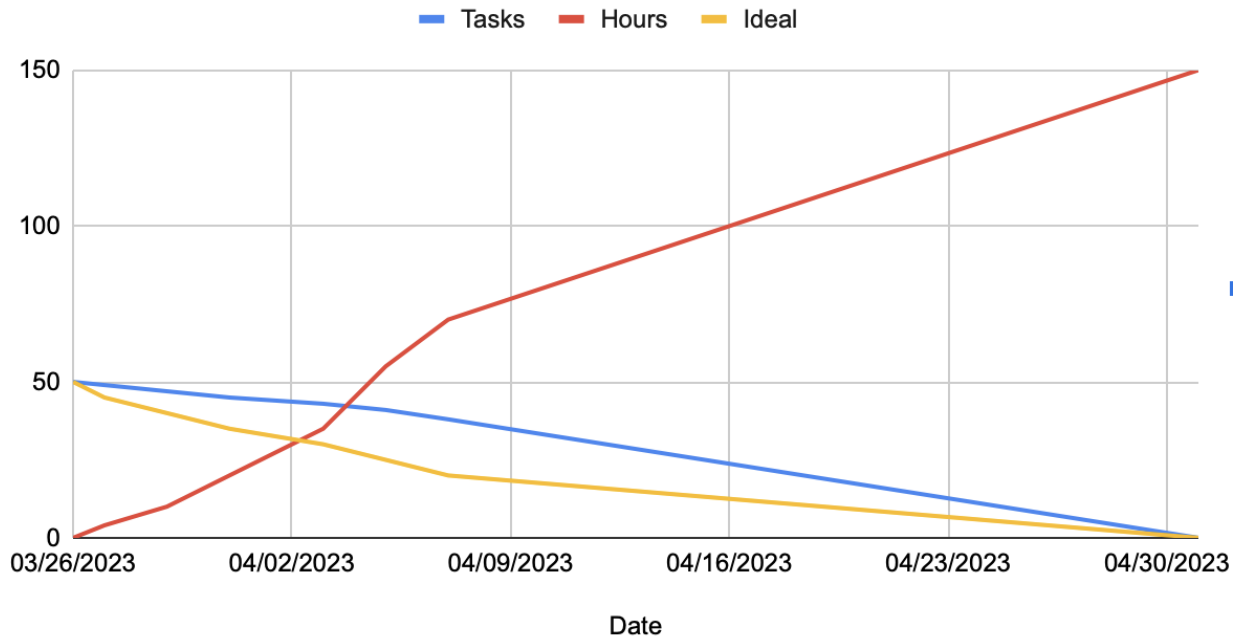D | Task Description | Assigned To | Time Spent | Status | Point Value

1 | Order a Smoothie through the Menu| Leo, Logan | 5 hours | Finished | 8
3 | Implement API for menu items |Leo, Logan, Vinay | 2 hours | In progress | 5
4 | Implement API for orders | Leo, Logan, Vinay | 1 hour | In progress| 5
11 | Implement user authentication |Leo | 30 minutes| In Progress| 5
44 | Add weather to user GUI |Syed, William| 2 hours | In Progress| 3
45 | Add Google translate feature to the GUI | Syed |90 minutes | Finished | 5
13 | Develop User GUI framework | Syed | 4 hours | Finished| 8
15 | Implement User GUI menu browsing |Syed| 30 minutes | 3 days | Finished| 5
16 | Implement User GUI order placement |Syed, William| 1 hour |In Progress| 5
23 | Develop Manager GUI framework |Vinay| 4 hours | Finished | 8
25 | Implement Manager GUI sales analytics |Vinay, William |1 hour |In Progress | 5
26 | Implement Manager GUI employee overview |Vinay, William| 2 hours| Finished| 5
27 | Implement Manager GUI inventory control |Vinay| 1 hour | Finished| 5
28 | Implement Manager GUI menu management |Vinay| 1 hour |In Progress| 5

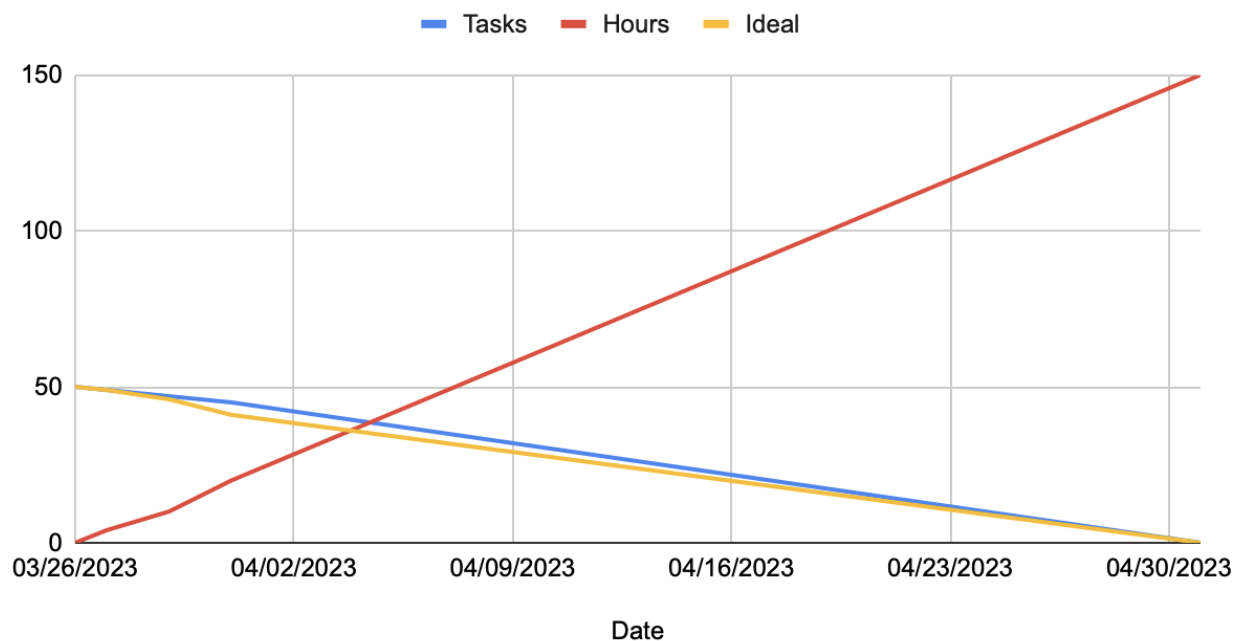| Team Member	Points (sprint 1 meeting 1)	Points (sprint 1 meeting 2)	Points (sprint 1 meeting 3)
Leo Feng	2	7	10
Vinay Mannem	2	7	10
Logan Talton	4	4	12
Syed Asad	2	7	10
William Tichenor	2	5	9

Burn-down Charts

Sprint Burndown Chart

Product Burndown Chart

Next Sprint's SCRUM Meeting Schedule

Sprint Planning Meeting:

Date: April 19th, 2023

Time: 11:00 AM

Duration: 1 hour

Purpose: To plan the sprint backlog and set sprint goals

Scrum Meetings:

Date: Wednesday to Friday, April 20th to 22nd, 2023

Time: 12:00 PM

Duration: 15 minutes

Purpose: To discuss the progress, challenges, and plans for the day. Also, keep track of the goals set in the sprint planning meeting.

Backlog Refinement Meeting:

Frequency: Once a week (April 23rd, 2023)

Time: 11:00 AM

Duration: 1 hour

Purpose: To refine and prioritize the backlog items for the next sprint.

Sprint Review Meeting:

Date: April 24th, 2023

Time: 2:00 PM

Duration: 1 hour

Purpose: To review and demonstrate the completed work of the sprint.

Sprint Retrospective Meeting

Frequency: After the Sprint Review Meeting (April, 25th, 2023)

Time: 9:00 AM

Duration: 1 hour

Purpose: To discuss what went well, what could be improved, and how to make improvements in the next sprint.

Appendix 1: SCRUM Meeting Agendas and Minutes

SCRUM Meeting 1 for Team 64
Prepared by: Logan Talton
Meeting Date: 4/08/23

Meeting Attendees

1. Vinay Mannem
2. Syed Asad
3. Leo Feng
4. Logan Talton
5. William Tichenor

Meeting Agenda Items

- Discuss remaining tasks left in the front end GUI of all three - customer, server and manager sides.
- Discuss backend for all three GUIs.

Status Update Since Last Meeting

Accomplishments:
- Completed most of the frontend for the customer side of the GUI.
- Completed some of the server side of the GUI.

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Create a working frontend for the customer page	Syed Asad, Logan Talton	Yes
Create a working frontend for the manager page	Syed Asad, William Tichenor	Yes

Before The Next Meeting

Plans:
- Work on enhancing the formatting on the front end for each page of the GUI.
- Work on the backend express commands.

Task Assignments:

Task Description	Assigned to
Make PowerPoint for the Presentation on the progress of Project 3	Leo Feng, Logan Talton, Syed Asad, William Tichenor, Vinay Mannem
Fix Weather API on the customer frontend page	Syed Asad, Logan Talton
Add distinct formatting to all three frontend pages	Leo Fend, Logan Talton

Minutes from Previous Meeting

In the previous meeting, the team completed the frontend of the server side of the website and was still working on the customer and manager side of the GUI. These two frontend tasks were assigned to Syed and William. The team also assigned the backend update feature to update the database after each order is placed to Leo and Vinnay (and Logan also helped with this side as well).

SCRUM Meeting 2 for Team 64
Prepared by: Logan Talton
Meeting Date: 4/11/23

Meeting Attendees

6. Vinay Mannem
7. Syed Asad
8. Leo Feng
9. Logan Talton
10. William Tichenor

Meeting Agenda Items

● Practice project presentation.
● Discuss future steps for the project, with an emphasis on connecting the backend to the frontend.

Status Update Since Last Meeting

Accomplishments:
● We got some of the Express commands working in our backend.

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Make PowerPoint for the Presentation on the progress of Project 3	all	Yes
Fix Weather API on the customer frontend page	Syed Asad, Logan Talton	No
Add distinct formatting to all three frontend pages	Leo Fend, Logan Talton	No

Before The Next Meeting

Plans:
● Update the database for transactions whenever you order a smoothie through the frontend.

Task Assignments:

Task Description	Assigned to
Fix Weather API on the customer frontend page	Syed Asad, Logan Talton
Connect backend to update the database whenever a smoothie is ordered	Leo Feng, Logan Talton

Minutes from Previous Meeting

In the previous meeting the team completed the customer and manager pages of the frontend. We discussed that the pages still need to be formatted properly, but they are working. Additionally, the team also assigned the PowerPoint for the in class presentation equally among the team. This will include the demo of our progress on the frontend, as well pointers on how the progress of the project is going so far.

SCRUM Meeting 3 for Team 64
Prepared by: Logan Talton
Meeting Date: 04/15/2023

Meeting Attendees

11. Vinay Mannem
12. Syed Asad
13. Leo Feng
14. Logan Talton
15. William Tichenor

Meeting Agenda Items

- Discuss the work we did over the last 2 days. Talk about any potential roadblocks we're facing with the tasks we were assigned, and discuss future steps.
- Assign any remaining tasks to team members.

Status Update Since Last Meeting

Accomplishments:
- Finished presenting the project in front of the professor
- Got some of the Express commands to work.

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Fix Weather API on the customer frontend page	Syed Asad, Logan Talton	No
Connect backend to update the database whenever a smoothie is ordered	Leo Fend, Logan Talton	No

Before The Next Meeting

Plans:
- Fix the weather API on the customer frontend page
- Connect the backend so that the database is updated every time a smoothie is ordered.

Task Assignments:

Task Description	Assigned to
Fix Weather API on the customer frontend page	Syed Asad, Logan Talton
Connect backend to update the database whenever a smoothie is ordered	Leo Feng, Logan Talton

Minutes from Previous Meeting

In the last meeting, the team took most of the time to practice for the presentation in person with the professor. We made some last minute adjustments to the PowerPoint and timed the presentation to meet the requirements of the professor. Additionally, we discussed the remaining tasks left to accomplish in the project. The task to fix the weather API on the customer page was assigned to Syed, and Leo and Logan volunteered to connect the backend to update the database.