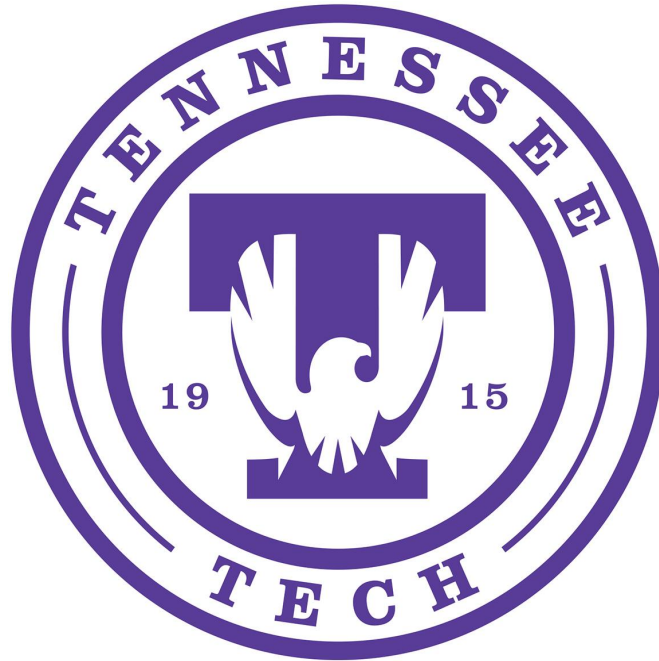VolleyTrax Iteration 5 Report

Prepared by the students of CSC 4620 – Spring 2020

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Under the direction of
Mr. Eric Brown (Professor)

I. **Summary:** This is our final iteration. Even with the COVID-19 pandemic still having us quarantined, we still made significant progress on finishing our product. We completed our GUI for the product, created our showcase, and added some final touches to our UI. Stakeholder engagement was an issue this iteration but not on our end. We sent multiple emails to the volleyball coaches but did not receive a single email back. Regardless, we finished what we could within quarantine and have a deliverable product.

II. Completed Stories: 14 points
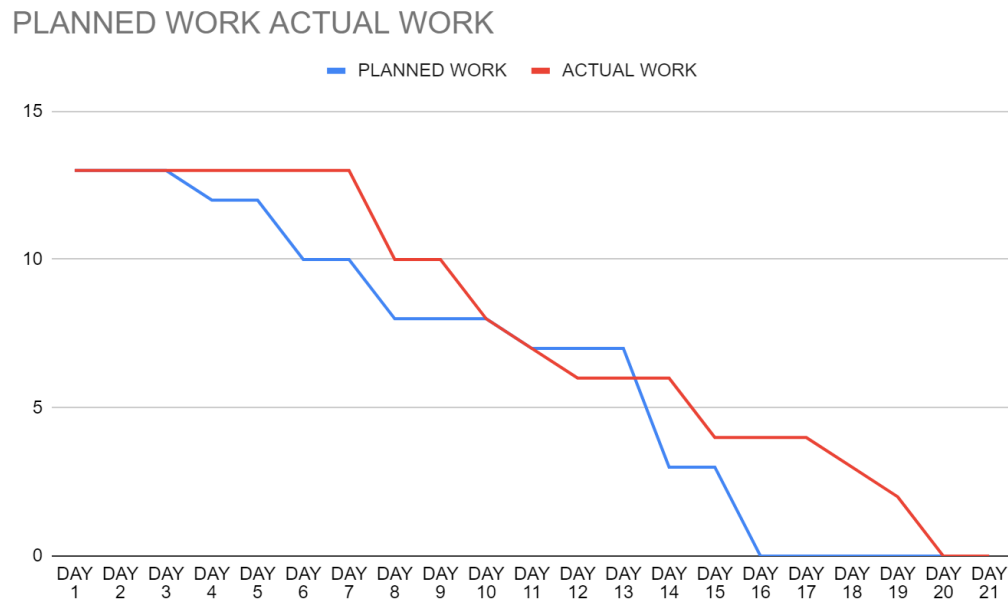
Completed User Stories

- # 69 Finalize and polish up the UX of the final product. - 3 pts
- # 68 Create video showcasing final product - 2 pts
- # 65 Display tracker info on the tracker page so that the current trackers are easier to select - 2 pts
- # 63 Send weekly email updates to the client - 1 pt
- # 67 Improve the GUI - 1 pt
- # 66 Viewing takeed data smoother - 1 pt
- # 46 Include time data to sync up tracking data with real time information - 1 pt
- # 55 Research video synchronization - 1 pt
- # 71 New 3D printed case - 1 pt
- # 72 New 3D printed stand - 1 pt

III. Next Iteration Plan:

Iteration 6 Stories:

- #73 Have clients test out the new cases - 2pts
- #74 Order foam for the new cases - 1pt
- #75 Further optimize spaghetti diagrams - 3pts
- #76 Order more Pozyx trackers - 1pt
- #77 Improve design of website - 1pt
- #78 Improve design of GUI - 1pt

IV. Burndown Chart

PLANNED WORK ACTUAL WORK

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PLANNED WORK    ACTUAL WORK
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As for this, we planned to finish that Tuesday and we can have more time to work on demo and showcase, but the program bug delayed us for a while.

V. Retrospective Summary

What has gone well?

- During this iteration, team cooperation has gone well. The GUI created by a few team members has also been a great improvement to our project.

What could be improved?

- While it is not within our ability, not having to deal with COVID-19 and the issues it has created for the project would be an improvement. It caused us setbacks as a group and individually. It would also be a great improvement if our client would respond to any of the emails we sent, instead of ignoring us. Unfortunately, that is also not within our power to change.
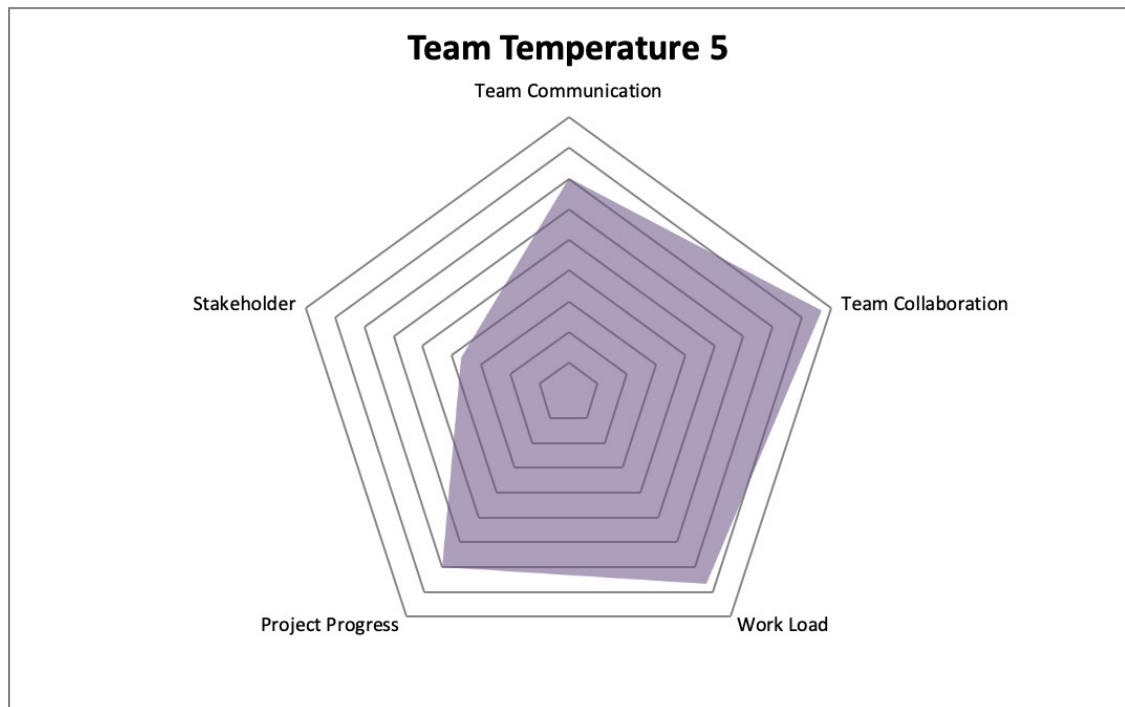
What questions do you have about the project or process?

- ■ The only question is if this project will be passed on again to another team, since there could still be improvements made to the project.

What action items (with responsible party) need to be addressed?

- ■ It would be nice if the new cases could be tested out with the volleyball players.

VI. Team Temperature

Team communication has dropped slightly this iteration due to COVID-19. Project progress has gone well. We were able to accomplish some improvements on our project. Stakeholder engagement is way down due to the multiple emails we sent to our client being ignored.

VII. Showcase

Our video can be found at: