Name	Matthew Buglass			Team	PM	
Item Name	Date(s)	Item Description	Estimated Time (hrs)	Actual Time (hrs)	Name	Team
Retro/Review	Mar-18-2024	Retro/Review	1	1	Matthew	PM
PM Pairing	Mar-18-2024	PM Pairing	1	1	Matthew	PM
Planning poker	2024-03-22	Met with the team to plan and prioritize the sprint	0.5	0.75	Matthew	PM
Demo and quick fixes	2024-03-23	Spent some time setting up device streaming for ID5 demos and fixed the z-fighting on the bilboar	1	1	Matthew	PM
Stress testing	2024-03-24	Stress tested the oculus and did some PR review	0.5	3.5	Matthew	PM
Artifact review	2024-03-24	Reviewed Trang's Vite Drei fix and did some backlog cleanup	1	0.75	Matthew	PM
Code review and pre and post condition work	2024-03-25	Review some PRs and worked on adding pre and post conditions	0.5	1.75	Matthew	PM
Code review	2024-03-27	Reviewd the DAL PR	0.5	0.5	Matthew	PM
Quick checking with Wade	2024-03-26	Stopped in to show Wade our repo, some demo urls, and to talk about the Quest 3	0	0.25	Matthew	PM
Docstring updates	2024-03-29	Combing through our existing code and adding pre- and post-conditions	3	7	Matthew	PM
Discussed card scoping	2024-03-29	Discussed card scope with Tony and Aesha	0	0.5	Matthew	PM
Stakeholder meeting	2024-03-28	Met with Wade adn Dr. Osgood to update and discuss on project progress	0.25	0.5	Matthew	PM
Repo management	2024-03-30	Updated CI rules for new jobs and merge pre- and post- condition work	0.25	0.25	Matthew	PM
Wrap up prep	2024-03-30	Spent time working through the work that we didn't get to and preparing a post-mortem template a	3	7	Matthew	PM
Release co-ordination	2024-04-01	Updated team and assembeled list of things to do before submission	0.5	1	Matthew	PM
Artifact inspection	2024-04-01	Inspected Quinn's smoke test	0.5	0.25	Matthew	PM
Bug party	2024-04-02	Was on a bug party team to evaluate the current system.	2	1.5	Matthew	PM
Test Pairing	2024-04-02	Paired with Mitchell on estimating defects and test covarge and level reporting	1	2	Matthew	PM
Docs update and artifact collection	2024-04-03	Updated requirements and user flow docs and assemebled the release README and artifacts	4	4.5	Matthew	PM

Name	Jesse Haug			Team	Dev	
Item Name	Date(s)	Item Description	Estimated Time (hrs)	Actual Time (hrs)	Name	Team
Retro/Review	Mar-18-2024	Retro/Review	1	1	Matthew	Dev
Refactor CSV reader	2024-03-21	Refactored the code that the linter was unhappy with	1	1	Matthew	Dev
Planning poker	2024-03-22	Met with the team to plan and prioritize the sprint	0.5	0.75	Matthew	Dev
Pair Progamming	2024-03-23	Met with Tony and Aesha and Trang to work on the DAL	1	1.5	Matthew	Dev
Load Test	2024-03-23	Created the load testing for the oculus	2	3	Matthew	Dev
3D points to DAL hookup	2024-03-01	Worked with Tony on this	4	1	Matthew	Dev
Fixed attributes	2024-03-24	Fixed datapoint menu to show that actual data that is being mapped	1	1	Matthew	Dev
Pair programming	2024-03-25	Pair programming with Tony	2	3.5	Matthew	Dev
Pair programming	2024-03-26	Pair programming with Tony fixing the csv	2	3	Matthew	Dev
Pair Programming	2024-03-28	Paired with Tony on working the CSV	2	3	Matthew	Dev
Pair Programming	2024-03-29	Paired with Tony on working the CSV/refactor	1	1.5	Matthew	Dev
Stake holder meeting	2024-03-27			0.25	Matthew	Dev
Dev work	2024-03-30	Worked on the CSV reader and repoDB	2	2	Matthew	Dev
Dev work / Pair Programming	2024-03-30	Worked on bugs and MERGES	3	3	Matthew	Dev
Pair programming	2024-03-23	Pair with Tony and Trang	2	4.5	Matthew	Dev
Group Call for final merge	2024-03-30	Call with Trang, Zander, and Tony	1	1	Matthew	Dev
Artifact inspection	2024-04-01	Inspected Quinn's smoke test	0.5	0.25	Matthew	Dev
Write up for Dev Update	2024-04-03	Written up the dev update for final submission	2	2	Matthew	Dev

Name	Trang Nguyen			Team	Dev	
Item Name	Date(s)	Item Description	Estimated Time (hrs)	Actual Time (hrs)	Name	Team
Retro/Review	Mar-18-2024	Retro/Review	1	1	Matthew	Dev
PM Pairing	Mar-18-2024	PM Pairing	1	1	Matthew	Dev
Investigate the Drei issue with Vitest framework	Mar-21-2024	Investigate the Drei issue with Vitest framework	5	4	Matthew	Dev
Investigate Vitest not resolving some dependencies correctly (ESM v	Mar-21-2024	Investigate Vitest not resolving some dependencies correctly (ESM vs CommonJS)	1	1	Matthew	Dev
Pair with Tony on merge conflict with ID5	Mar 26	Pair with Tony on merge conflict with ID5	1	1	Matthew	Dev
Dev Team Pairing	2024-03-23	Dev Team Pairing on DAL implmentation	1	1	Matthew	Dev
Group Call for final merge	2024-03-30	Call with Trang, Zander, and Tony	1	1	Matthew	Dev
Pair with Aesha on resolving merge conflicts	Mar 27	Pair with Aesha on resolving merge conflicts	1.5	3	Matthew	Dev
Stakeholder meeting	2024-03-28	Met with Wade adn Dr. Osgood to update and discuss on project progress	0.25	0.5	Matthew	Dev
Pair with Jesse and Tony on hooking up DAL and VR space	2024-03-25	Pair programming on VR point and DAL	2	3.5	Matthew	Dev
Smoketest review	2024-03-18	Smoke test instruction	1	1	Matthew	Dev

Item Name	Date(s)	Item Description	Estimated Time (hrs)	Actual Time (hrs)	Name	Team
Planning poker	2024-03-22	Met with the team to plan and prioritize the sprint	0.5	0.75	Matthew	Dev
Pair with Tony	Mar 26	on testing and clean up hooking up DAL and VR space	2	2	Matthew	Dev
Pair with Jesse, Tony, Matthew	Mar 29	On fix scale axis intervals with max data values	0.5	0.5	Matthew	Dev
Handling duplicate column names	2024-03-29	Handling duplicate column names	1	2	Matthew	Dev
Clean-up PR of DAL implementation Issue	2024-03-28	Clean-up PR of DAL implementation Issue	1	2	Matthew	Dev
Bug: Assertion is not a function	2024-03-29	Bug: Assertion is not a function	2	3	Matthew	Dev
Refactor and clean-up in the DAL	Mar 26	Refactor and clean-up in the DAL	1	1	Matthew	Dev
Scale 3D space	2024-03-30	Scale 3D space	1	2	Matthew	Dev
Failed Attempt to mock Papa.parse to test CSV readers	Mar 27	our functions are passed in as call back in Papa.parse static function, we needs a way to test our	2	2	Matthew	Dev
Failed Attempt to render <App/>	Mar 29	We need integration tests where we render the whole <App/> component and check some basic i	2	2	Matthew	Dev
Review 225-datalayer-tests-are-using-the-same-database-concurren	Mar 28	Review 225-datalayer-tests-are-using-the-same-database-concurrently	0.2	0.2	Matthew	Dev
Review 164-hook-up-reading-to-the-DAL	Mar 26	Review 164-hook-up-reading-to-the-DAL	0.5	0.5	Matthew	Dev
Review 163-implement-the-dal	Mar 24	Review 163-implement-the-dal	0.5	0.5	Matthew	Dev
Review 213-fix-z-fighting	Mar 23	Review 213-fix-z-fighting	0	0	Matthew	Dev
Review 204-change-app-to-dark-mode	Mar 23	Review 204-change-app-to-dark-mode	0	0	Matthew	Dev
Review 193-spike-replace-jest-with-vitest	Mar 23	Review 193-spike-replace-jest-with-vitest	0	0	Matthew	Dev
Trang's Inspection	Mar 23	Inspection on issue with Drei component in test	1	1	Matthew	Dev
Work on "Bug: Select Axis not showing options"	Mar 31	Work on "Bug: Select Axis not showing options"	2	6	Matthew	Dev
Work on "Bug: assert() is used without being imported and CsvUrlRe	Mar 31	Work on "Bug: assert() is used without being imported and CsvUrlReader doesn't calculate stats a	1	1	Matthew	Dev
PM Pairing	Apr 01	PM Pairing on final submission	1	1	Matthew	Dev
Bug Party	Apr 02	Bug Party	1	1	Matthew	Dev

Name	Quan (Tony) Nguyen			Team		Dev
Item Name	Date(s)	Item Description	Estimated Time (hrs)	Actual Time (hrs)	Name	Team
Pair with Mitchell on how to make the test hook work on CICD	Mar 21	Attempt some vitest cases not running in CICD	0.5	0.5	Matthew	Dev
Handle duplicate header on data load	Mar 21	Have a brief look on where to implement it, yet to implement	2	0.5	Matthew	Dev
Implement the DAL	Mar 21	Catch up on current DAL diagram and Zander's work, update column, repositry and re-factor calcul	4	5.5	Matthew	Dev
Implement the DAL	Mar 22	Split calculateStat to two seperate funtion and write tests	1	2.5	Matthew	Dev
Implement the DAL	Mar 22	Implement storeStandarizedData, write test and modify repositry	2	4	Matthew	Dev
Stakeholder Meeting	2024-03-22	Meeting with Wade to get feedback on UI updates	0.5	0.5	Matthew	Dev
Planning poker	2024-03-22	Meeting with team to plan and prioritize ID5	0.5	0.75	Matthew	Dev
Implement the DAL	Mar 23	Add method in repositry to query quality column name with tests, then optimze for memory	0.5	1.5	Matthew	Dev
Implement the DAL	2024-03-23	Enforce type on column, implement get column names method for each column type, modify addC	2	6	Matthew	Dev
Pair with Dev Team	2024-03-23	On DAL implementation	1	1.5	Matthew	Dev
Implement the DAL	Mar 24	Implement storeCSV and its helper functions and write tests	4	7	Matthew	Dev
Artifact inspection	2024-03-24	Reviewed Trang's Vite Drei fix	1	0.75	Matthew	Dev
Pair with Jesse on vitest	Mar 24	Help migrate from jest to vitest	1	0.2	Matthew	Dev
Pair with Jesse and Trang on hooking up DAL and VR space	2024-03-25	Pair programming on VR point and DAL	2	3.5	Matthew	Dev
Implement hooking up DAL and VR space	Mar 25	Partially implement createGraphingDataPoints and modify repositry and dataPoint to be more typ	2	4	Matthew	Dev
Implement hooking up DAL and VR space	Mar 26	Finallize createGraphingDataPoints and have points plotted in VR, yet to have test	1.5	1	Matthew	Dev
Implement hooking up DAL and VR space	Mar 26	Have test to verify the location of points generated	1	1	Matthew	Dev
Pair with Trang	Mar 26	on testing and clean up hooking up DAL and VR space	2	2	Matthew	Dev
Pair with Trang	Mar 26	on merge conflict with ID5	1	1	Matthew	Dev
Pair programming with Jesse	2024-03-26	Pair programming with Jesse on fixing the csv	2	3	Matthew	Dev
Pair with Trang, Aesha, Jesse	Mar 27	Merge conflicts, CSV parser, clean up hooking up DAL and VR futher and fixing csv	2	3	Matthew	Dev
Pair with Quin and Aesha	Mar 27	On Axis and colum selection	1	1	Matthew	Dev
Pair with Zander, Jesse, Aesha	Mar 28	On fixng csv and column selection	4	4	Matthew	Dev
Pair with Jesse	Mar 28	Finally fix the csv pasrsing	2	1.5	Matthew	Dev
Stakeholder Meeting	2024-03-28		0	0.25	Matthew	Dev
Modify DAL to coperate axes-columns selection	Mar 29	Update getPoints function, update test and update dataAbstractor IF	1	1.5	Matthew	Dev
Pair with Jesse, Trang, Matthew	Mar 29	On fix scale axis intervals with max data values	0.5	0.5	Matthew	Dev
Fix scale axis intervals with max data values	Mar 29	Modify repositry and datalyer to return extra max values along points and update test	1	1	Matthew	Dev
Fix scale axis intervals with max data values	Mar 30	Modify createPointPositions and createGraphingDataPoints to take in max values, update test	2	3	Matthew	Dev
Fix scale axis intervals with max data values	Mar 30	catch up with Quinn's current axis implementations and ticks generated	0.5	0.5	Matthew	Dev
Fix merge conflict from updated ID5	Mar 30		0.5	0.5	Matthew	Dev

Item Name	Date(s)	Item Description	Estimated Time (hrs)	Actual Time (hrs)	Name	Team
Fix scale axis intervals with max data values	Mar30	Update ticks and tests	2	1.5	Matthew	Dev
Fix scale axis intervals with max data values	Mar 30	Finish card, spend way too long debugging and resolving conflict	2	5	Matthew	Dev
Resolve merge conflict	Mar 30		0.5	0.5	Matthew	Dev
Group pairing	2024-03-30	Pairing with Jesse, Trang, and Zander on final merge	1	1	Matthew	Dev
Fix not scaling data point bug	Mar 31		2	2	Matthew	Dev
Pair with Trang and Zander	Apr 1	On fail test case for generateXYZ	2	2	Matthew	Dev

Name		Aesha Patel			Team	Dev
Item Name	Date(s)	Item Description	Estimated Time (hrs)	Actual Time (hrs)	Name	Team
Retro/Review	2024-03-18	Retro/Review	1	1	Matthew	Dev
Darken the UI	2024-03-21	Updated the elements in the UI to be visible with darker colours	3	3	Matthew	Dev
Stakeholder Meeting	2024-03-22	Meeting with Wade to get feedback on UI updates	0.5	0.5	Matthew	Dev
Planning poker	2024-03-22	Meeting with team to plan and prioritize ID5	0.5	0.75	Matthew	Dev
Pair with Dev Team	2024-03-23	Working on DAL	1	1.5	Matthew	Dev
PR Review	2024-03-23	Reviewed Matthew's z-fighting PR and Tony's DAL PR	0.5	0.5	Matthew	Dev
Pair with Quinn	2024-03-26	Review the past Axis selection implementation from ID4	1	2	Matthew	Dev
Implement Axis Selection	2024-03-26	Updated function documentations	7	0.5	Matthew	Dev
Pair with Trang	2024-03-27	Added hard-coded call to storeCSV for Axis Selection, resolved merge conflicts	7	3	Matthew	Dev
Pair with Quinn, Tony, Zander	2024-03-27	Brainstormed how to handle Axis Selection and update back in DAL	7	2	Matthew	Dev
PR Review	2024-03-28	Reviewed Trang's PR for hook up data point graphing to the dal	0.5	0.3	Matthew	Dev
Pair with Zander	2024-03-28	Implemented AxesSelectionContext to update axes state values and figured out data point renderi	7	6.5	Matthew	Dev
Axis Selection PR	2024-03-29	Test interaction flow for axis selection, update documentation, write up PR	7	3	Matthew	Dev
Pair with Quinn	2024-04-02	Updated risk plan	1	1	Matthew	Dev

Name		Mitchell Wagner			Team	Test
Item Name	Date(s)	Item Description	Estimated Time (hrs)	Actual Time (hrs)	Name	Team
Complete and Merge Testing	2024-03-19	Reviewed and finalized all of possible scenarios for smoke test	2	3	Matthew	Test
Review and test code	2024-04-02	Doing smoke test and bug reviews to see which parts had been fixed and monitoring progress	10	10	Matthew	Test
Retro/Review	Mar-18-2024	Retro/Review	1	1	Matthew	Test
Planning poker	2024-03-22	Met with the team to plan and prioritize the sprint	0.5	0.75	Matthew	Test
Bug Party	2024-04-02	Meet with the team and do a bug party	2	1.5	Matthew	Test
Inspection	2024-04-01	Inspection of Quinns smoke tests	1	0.5	Matthew	Test
Write Smoke Test	2024-03-25	Create Smoke test to verify that the Axis are actually on the page	1	1	Matthew	Test
Review Smoke Tests	2024-03-30	Review that all smoke tests created are working as expected and functional	1	2	Matthew	Test
Write Gherkin	2024-03-28	Write gherkin for happy path test	1	1	Matthew	Test
Create Submission	2024-04	Create write up for all testing documentation of project	2	4	Matthew	Test
Peer	2024-04-02	Peer with matthew to discuss results from QA and bug party	1	2	Matthew	Test
Peer	2024-03-26	Meet with Quinn and zander to show smoke testing	1	0.2	Matthew	Test
Meeting	2024-03-19	Show team sample of how to run the smoke tests and its purpose	0.5	0.5	Matthew	Test

Name		Zander Rommelaere			Team	Test
Item Name	Date(s)	Item Description	Estimated Time (hrs)	Actual Time (hrs)	Name	Team
Review & Retrospective	2024-03-18	Met with team for ID4 review and retrospective	1	1	Matthew	PM
Vitest Spike	2024-03-18	Investigate migration from Jest to Vitest -- successful	2	1.5	Matthew	PM
Vitest Spike	2024-03-19	Fix issues with tests + look into Drei under Vitest	1.5	3	Matthew	PM
Planning Poker	2024-03-22	Met with the team to plan and prioritize the sprint	0.5	0.75	Matthew	PM
Vitest Spike	2024-03-23	Clean up, retest, and merge	0.75	0.75	Matthew	PM
PR & work review	2024-03-24	Catch up on DAL work and review some PRs	0.75	0.5	Matthew	PM
Rollbar & Logging	2024-03-25	Identify & fix package.json vs package-lock.json inconsistencies	2	2.5	Matthew	PM
Rollbar & Logging	2024-03-26	Docs & minor refactor	2	2	Matthew	PM
Fix duplicate database test issue	2024-03-26	Investigate the issue	1	2	Matthew	PM
Fix duplicate database test issue	2024-03-27	Discover the issue and fix it	1	2	Matthew	PM
Smoketest review with Mitchell/Quinn	2024-03-27	Review smoke test procedure	1	1	Matthew	PM
Setup WebServer for URL CSV loader	2024-03-27	Setup server to publically host CSVs for testing the URL CSV loader	1	1.25	Matthew	PM
Pairing with Quinn	2024-03-27	Pairing on smoke test work & logging stuff	3	4	Matthew	PM
Work session	2024-03-28	Meet up with Tony, Jesse, and Aesha to work	3	4	Matthew	PM
Pairing with Aesha	2024-03-28	Finish up Axis Selection: React quirks	2	3	Matthew	PM

Item Name	Date(s)	Item Description	Estimated Time (hrs)	Actual Time (hrs)	Name	Team
Fix axis selection test	2024-03-29	Mock the SelectedAxisContext to allow the test to work	1	2	Matthew	PM
Fix Firebase deployment	2024-03-29	Research, refactor, and review/test fix for Firebase deploys	2	2.5	Matthew	PM
PR review	2024-03-29	Review some PRs / Get updated on what's changed	0.75	0.5	Matthew	PM
Fix Firebase deployment	2024-03-30	Investigate & fix multiple uncovered issues	1	2.5	Matthew	PM
Improve Rollbar error handling	2024-03-30	Improve Rollbar's handling when passed an error	1	1	Matthew	PM
Menu to loaded data when testing	2024-03-30	Work on menu for viewing loaded data when testing	1	1	Matthew	PM
Group pairing	2024-03-30	Pairing with Jesse, Trang, and Tony on finishing up	1	1	Matthew	PM
DataPoints optimizations	2024-04-01	Various optimizations + fix tests	2	2.5	Matthew	PM
Pairing with Tony/Trang	2024-04-01	Pair with Tony/Trang throughout the afternoon	2	2	Matthew	PM
Menu to loaded data when testing	2024-04-01	Create a menu that can be used to view the database on Quest	3	2.5	Matthew	PM
Gherkin + smoketest for data exclusion	2024-04-01	Write the gherkin and smoketest for data exclusion	4	3	Matthew	PM
Smoketest for UI interaction	2024-04-01	Write the smoketest for UI interaction	4	1	Matthew	PM
Team bug party	2024-04-02	Worked to break system in our bug party	2	1.5	Matthew	PM
Final PR cleanup	2024-04-02	Merge in last 3 PRs (smoketests & Firebase)	0.5	0.5	Matthew	PM
Presentation slides + wrap up	2024-04-03	Add presentation slides + wrap up last few things	1	1.5	Matthew	PM
Cut & merge ID5	2024-04-03	Cut & merge ID5 into master with Trang	0.5	0.5 [1]	Matthew	PM

Name	Quinn Brown			Team		Test
Item Name	Date(s)	Item Description	Estimated Time (hrs)	Actual Time (hrs)	Name	Team
Review & Retrospective	2024-03-18	Met with team for ID4 review and retrospective	1	1	Matthew	PM
Planning Poker	2024-03-22	Met with the team to plan and prioritize the sprint	0.5	0.75	Matthew	PM
Pair Session with Aesha	2024-03-26	Met with Aesha to walk her through implementing axis selection	1	2	Matthew	PM
Pair Session with Zander and Mitch	2024-03-27	Mitch gave tutorial on writing smoke tests	1.5	1.5	Matthew	PM
Pair Session with Zander	2024-03-27	Worked on smoke tests	3	4	Matthew	PM
Pair Session with Aesha	2024-03-27	Helped a bit with implementing data selection for axes	1	1	Matthew	PM
#200 smoke test	2024-03-27	Wrote smoke test for importing csv	4	3	Matthew	PM
#199 smoke test	2024-03-27	Wrote smoke test for displaying points	4	2	Matthew	PM
#198 smoke test	2024-03-27	Wrote smoke test for displaying data in 3D space	4	2	Matthew	PM
Artifact Inspection	2024-04-01	My code review	0.5	0.25	Matthew	PM
#259 Smoke Test Deletion Fix	2024-04-01	Smoke test was deleted from refactoring so I had to reimplement it	1	1	Matthew	PM
#263 Smoke Test	2024-04-02	Smoke test for axis selection	4	1.5	Matthew	PM
#264 Smoke Test	2024-04-02	Smoke test for scaling bar	4	1.5	Matthew	PM
Risk Plan	2024-04-02	Create risk plan with Aesha	1	1	Matthew	PM
Team bug party	2024-04-02	Worked to break system in our bug party	2	1.5	Matthew	PM

[1] (Estimated)