

The dev team has implemented 3 features for this deliverable:

1. DataPoints (Zander)
 - a. Spherical Objects on the screen
 - b. Can be selected and highlighted
 - c. Billboard for displaying the data (Disabled)
2. Axis/Graph (Quinn)
 - a. Three axis arranged in the proper orientation
 - b. Each axis has 10 ticks in each domain (positive, negative)
 - c. Has the ability to label the ticks and have the ability to scale with data (Disabled)
3. CSV reader (Tony/Joe)
 - a. The ability to read file from url
 - b. The ability to read file from local

Things that need to be researched into and fixed:

- The ability to display text, currently there is an issues with Jest and Drei's Text component
 - Either find a fix for the testing or find an alternative
- IndexedDB is apparently a slow database API for local storage that will on average take 40 seconds to read 500k documents.
 - Look if there is a way to speed it up, or find alternative for local storage

Features for next deliverable(subject to change based on PM and Retro):

- User can scale up and down the graph
- User can rotate graph by its axis
- Proper information display
- Actual ability to read from CSV file and have PCA calculated

| Name | Tasks | Actual Hours |
|--------|---|-----------------------------|
| Jesse | Worked on the possible movements of the graph. Also did research on future features and feasibility. Also helped with debugging and pair programming. | 12 hours |
| Zander | Worked on the Data Point component of the object, also brief tutorial on how unit tests work with Jest. | 14 hours (Dev team related) |
| Quinn | Worked on the Axi and Ticks, getting the graph in proper orientation. | 20.5 hours |

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| Joe | Csv Component, URL and Local files. | Untracked |
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