Graphic Observation and Analysis Tool (G.O.A.T.)

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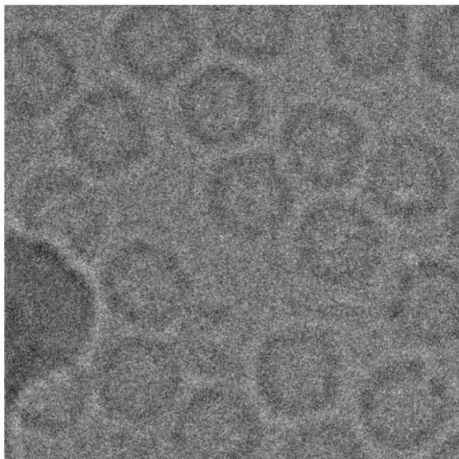
Our Problem

Create an efficient way for scientist to observe and analyze not only the entire image stack but also the data within each individual user-selected area.

Our Solution

- Use previous years code
- Improve functionality
- Polish UI

Before

After Improvements

GRAPHIC OBSERVATION AND ANALYSIS TOOL (G.O.A.T.)

Forward One Image | Backward One Image | Start Slide Show | Stop Slide Show | Start Backwards Slide Show | Stop Backwards Slide Show | Remove All Markers | Submit | Delete Image | Download
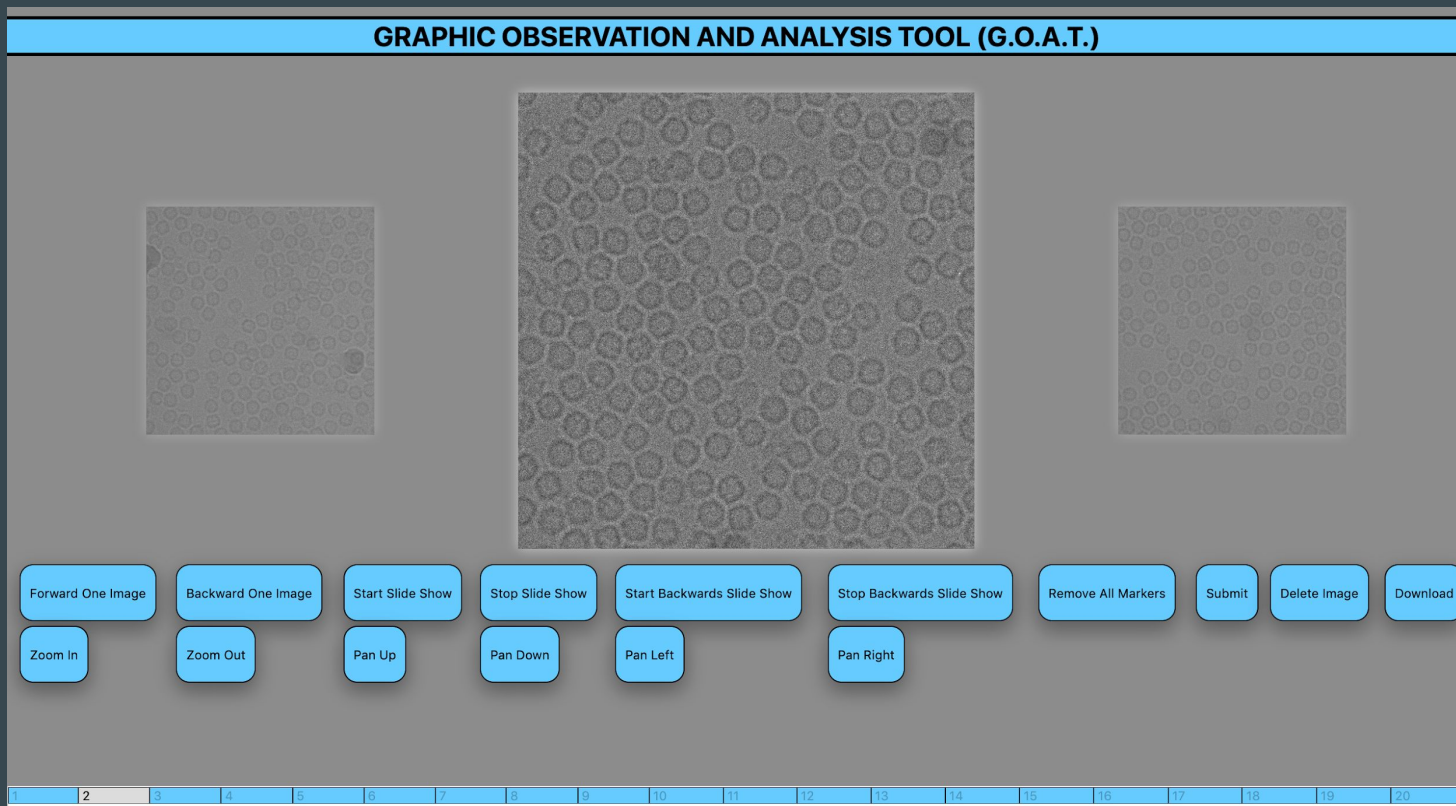
Zoom In | Zoom Out | Pan Up | Pan Down | Pan Left | Pan Right

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20

Work Delegation

Kevin Benton Jr *-* the program had to be partially re-coded to accommodate the new UI

Derek Morris Jr *-* Creating the necessary JS functions in order to add new features (download marker data as txt, one for each zoom button and each pan button)

Walter Asbell *-* Similar to the UI conversion the program had to be partially re-coded to accommodate the many new and changed HTML elements

Edsel Norwood *-* Organize how all of the functions, html elements, features, and UI would be implemented

Questions?