EE / CprE / SE 491 – sdmay21-12
Biochemistry Virtual Lab
Report 4

02/25/2021 – 03/11/2021
Client: Professor Stone
Faculty Advisor: Professor Mitra

Team Members:

Steven Dirth
Brody Sunsten
Peter Bancks
Jacob Christopherson
Romain Obame
Enzo Ciccarelli-Asta
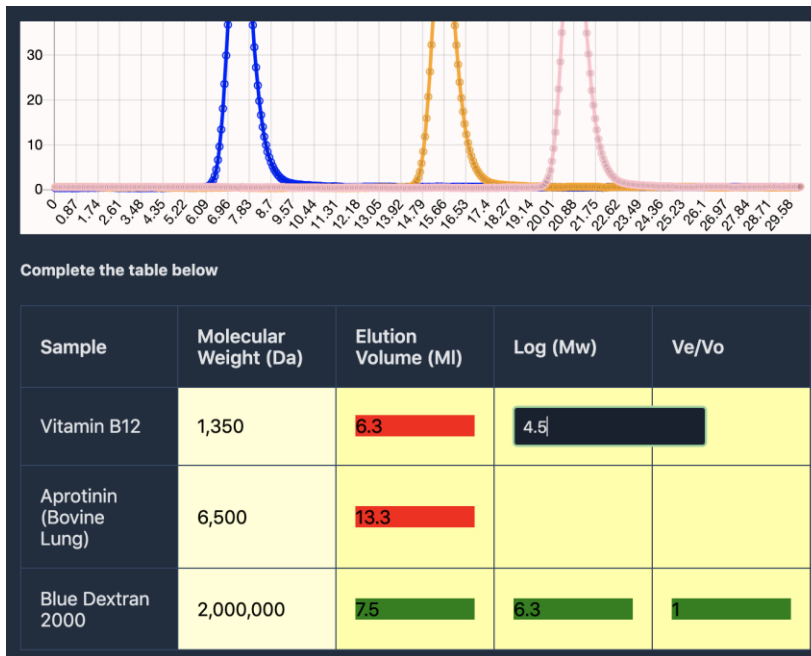
Past Period Accomplishments

- Changed camera controls to move along x and y axis respective to the table instead of the camera
- Deployed website to Azure
- Modified text to show proper instructions instead of filler text

Individual Contributions

Team Member	Contribution	Period Hours	Total Hours
Steven Dirth	Investigating CPU Performance Problems Azure deployment	7	20
Brody Sunsten	Improvements on 3D models, finalizing all necessary assets for module 3	3	12
Peter Bancks	Azure defect solving, fixed camera control axis movement.	3	15
Jacob Christopherson	Animations, PIRM preparation	5	14
Romain Obame	Worked on Input Validation for table chart.	3	18
Enzo Ciccarelli-Asta	Investigated Three.js techniques pertaining to animation	3	11

Screenshots

- Input Validation Table: Users are now able to enter data in the table according to the chart.
  Once the data is entered by the student, it will show green if it's correct, and red if it's incorrect.

Plans for Coming Week

- Drop CPU Performance Investigation
  - It is taking too much time and we're not seeing positive results
- After input validation, we will need to create a Gel Filtration Standard Curve based on data from the table.
- Evaluate and iterate on controls