

EE / CprE / SE 491 – sdmay21-12

Biochemistry Virtual Lab

Report 2

02/04/2021 – 02/18/2021

Client: Professor Stone

Faculty Advisor: Professor Mitra

Team Members:

Steven Dirth

Brody Sunsten

Peter Bancks

Jacob Christopherson

Romain Obame

Enzo Ciccarelli-Asta

Past Week Accomplishments

- Added current models into the scene for Module 3
- Fixed imports of 3d models
- Implemented protein selection table
- Added Routing to the web app
- VM Hosting Partially completed
- 3D models for module 3 partially completed

Pending Issues

- Code review for merge requests

Individual Contributions

Team Member	Contribution	Report Period Hours	Total Hours
Steven Dirth	Added current models to scene, investigated performance issue	6	9
Brody Sunsten	Continued working on 3d models	3	8
Peter Bancks	Hosting from Web Server from VM	6	9
Jacob Christopherson	Pipette Animation Blender & Code	4	6.25
Romain Obame	Charting for Module 3	7	12
Enzo Ciccarelli-Asta			

Plans for Coming Week

- Attend in-person lab performed by TA to get first-hand experience with what the virtual lab is modeling.
- Finish all 3D models for Module 3.

- Brainstorm on how to simulate liquid.
- Continue investigating performance issues.
- Add text to lab instruction popups and tooltips.