

CprE 492 Bi-Weekly Report 01

1/25/2021 - 2/8/2021

Group #: 50

Project Title: Cy-Sec Game

Advisor: Manimaran Govindarasu

Front End Members: Jon Greazel, Hayden Sellars, Joseph Strobel

Back End Members: Harrison Majerus, Nicholas Battani , Stefan Peng

Bi-Weekly Summary: So far this semester our team's progress has been mostly geared towards getting our project up and running. We have arranged our weekly advisor and separate team meetings. Advisor meetings will be held Fridays at noon and Team meetings will be held on Sunday afternoons, 7pm.

Past Weeks Accomplishments: During our official first team meeting (held on 2/7/2021) we spent time creating tickets for our issue board and creating tasks to assure that we can keep development on time. Our in class presentation will be this Tuesday, so we've also spent time preparing slides to show off our project goals and the prototype we created last semester.

Pending Issues: We've all claimed a ticket that we plan to finish by next Sunday's meeting. From the issues we created on our GitLab issue board we believe that completing one ticket per week, per team member will bring our project to a comfortable close by the end of the semester.

Individual Contributions:

- Jon
 - Committed to the ticket 'Create node palette'. This will involve creating a component containing the front end components to represent the attack tree nodes.
- Hayden
 - Committed to the ticket 'Allow editing of graph nodes'. Once the nodes are created they will need additional fields for calculating probabilities.

- Joe
 - Committed to ticket 'Recreate project in tree format'. Our prototype form last semester was created with a graph format and we believe switching to tree layout will aid in development.
- Harry
 - Committed to ticket 'Attack Tree E: formulate response to send to front end'. This will involve working in the backend Attack Tree engine to calculate probabilities from data delivered by the front end.
- Stephan
 - Committed to the ticket 'Attack Tree E: Construct algorithm for processing data'. This will be in charge of calculating the actual response
- Nick
 - Committed to the ticket 'Finish setting up the Django API'. This will handle setting up endpoints to establish communication between frontend and backend.

Plans for the Upcoming Weeks: The team plans to finish their dedicated ticket before Sunday's meeting and will choose another ticket based on priority.

Summary of Weekly Advisor Meetings: During our meeting with Manimaran we discussed the plan going forward and we received feedback on our PIRM presentation we will present to the class Tuesday. We also spent time finding a meeting time for the rest of the semester.