Criterion E – Evaluation

Success Criteria

Criterion #	Status
1	Met, the client can create, update, and delete conferences.
2	Met, the client can create, update, and delete committees for each conference.
3	Met, the client can create, update, and delete delegates for each committee.
4	Met, the client can create, update, and delete topics for each committee.
5	Met, the client can create, update, and delete resolutions for each committee.
6	Met, the client can set a timer from the committee view.
7	Met, the client can update the number of speeches and actions for each delegate.
8	Met, the client can view basic information and statistics for committees and delegates.
9	Met, the client can mark a conference finished or ongoing.
10	Met, the client can access finished conferences from the Past Conferences menu.
11	Met, a Home screen is shown on startup, with buttons navigating to different parts of the product.
12	Met, the client found the interface user-friendly and visually appealing
13	Met, possible errors are handled and shown when occurred. The client is also able to access the log file from the application for troubleshooting.

Client Response

One limitation noted by the client was that the startup time of the application was slow, when it needed to initialize the database and log files (this is addressed in the section below). However, the product was able to meet all success criteria initially outlined. Overall, the client was pleased with the solution and was eager to put it to use in upcoming mock MUN conferences. The client's response can be found in Appendix A.

Future Improvements and Extensions

Minor Improvements:

- The startup time can be significantly improved by creating the embedded database, log files and other resources beforehand and packaging them within the application. Extra logging, which is only useful during development, can also be disabled before distributing the application. FXML files can be converted to Java classes to reduce the need to read and load files at runtime, further improving performance.
- Extra CSS stylesheets can be embedded within the application to allow users the option of choosing different color themes for the application, improving the interface and accessibility.

Major Improvements:

- The product uses a local database, which is very convenient but also limiting because in the same conference there are multiple committees holding sessions simultaneously, and so need to share data between them. This can be achieved by using a remote, shared database. This would also

allow real-time updates across committees. However, this would require a rewrite of the backend.
- A web interface for the front-end, to allow users to access this functionality directly from browsers without needing to install anything. This would require a rewrite of the front-end.