**Tools & Explanation**

**3.0.1 Tools to be Used**

* WordPress
* GitHub – used for version control
* Positive SSL – Provides an SSL certificate the website
* Draw.io – used to make diagrams
* Loginizer – prevents brute force attacks on the login page. Version (1.6.6) - Plugin
* Modern Events calendar lite – Calendar to display official events Version (5.17.6) - Plugin
* Premium Addons for Elemontor Version (4.3.1) - Plugin
* User Registration Version (1.9.6) - Plugin
* User Submitted Posts Version (202110212) - Plugin
* WP Forms Lite Version (1.6.6) - Plugin
  1. **Explanation of the tools and methodology**

The project team has deemed that the Agile software development ideology will best fit the needs of the client within the current parameters. The first step to the Agile development is to meet the requirements which were set by the client and then document them in the documentation attached. The project team was given some guidelines as to what the client required in the design and the desired overall layout of the website. This was then recorded in the WBS and Technical requirements documentation. The project team will implement all the aspects of design, feature, and functionality on SSOB.xyz. Testing will be done after all implementation/deployment has been completed to ensure that all designs, features, and functionalities have been included and function properly. Review is the last step before the circular cycle begins again in which the project team will monitor all the plugins for WordPress and the hosting cost to ensure all designs, features, and functionalities still work as intended.

The justification of the Agile software development ideology is that I believe it would be the best for my personality. I feel much more confident in my ability to complete a big project when each step is not set in stone before moving to the next step of the process. This is especially true this semester with so many different projects, I felt if I chose Waterfall or some other ideology, I would not be able to perfect each item individually. In sum, Agile provided the flexibility needed for me to work on the various moving parts of this project with the most ease and ability to change.

**Proof of Meeting**

