

Assignment

The formalized design of a system, as we've discussed throughout this course, is the best time to begin seriously planning for security. As a checkpoint during the development of the final project, you will be creating a design document for your project. Be sure to include the following:

- A discussion of what your software does
- Descriptions of any individual components
- Informal contracts each component must adhere to
- Descriptions of how individual components integrate with each other
- Discussion of potential security challenges and assumptions faced by this software

Notably, please do not include threat modeling in this write up (that's for a future assignment). While it would likely be included when completing this process in enterprise, the two are separated into multiple assignments at this point to decrease the individual work requirements for this assignment.

Format

See Appendix A in the textbook for an example design document. Your team's may follow a different style, but should take the same tone and achieve similar clarity. Remember, this document is intended to be used by engineers to implement software. Do what makes the most sense to achieve that goal. Your submission should be formatted as a PDF to be accepted by WyoCourses.

Rubric

The following rubric will be used for assessment.

Task	Points
Describes the purpose	1 pt
Enumerates individual components	1 pt
Describes component interactions	2 pts.
Describes security scope	1 pt.
Total Points	5 pts.