

The design for our software system has high cohesion in a few ways. Each class was made to support one main operation. We used a high degree of generalization to separate these specific classes by each user that would be affected by or need that class's functionality. The classes would work together to perform their separate functions for their user. Our design strived for little coupling between classes. With each class designed for a specific function, each class needs only a limited amount of interaction with other classes and their data. The classes will use each other for a singular purpose, and a class won't use the other functions or methods of another class until absolutely necessary. This makes for a well-designed system since classes can be easily altered using inheritance, allowing support for a new class.