Software Process

To complete BookWorm, the incremental software process will be employed because of the following list of reasons. The diagram in Figure 1 is a graphical example of BookWorm's incremental software process model.

- BookWorm includes a repository containing access to databases, articles, and literature, meaning to have a selection of increasing size, constant updates to all components will be made as they become available.
- To release a working version of BookWorm as soon as possible, the main features, including managing a student's account, searching for specific databases, articles, and books, and viewing databases, articles, and books, will all be released before completed versions of the editing, personal collection, and study room reservation components are fully published.
- All members of the BookWorm team will be able to fully work on multiple pieces of a single component, as well as previous bug fixes, without having to worry about working in parallel with their other team members due to the linear format of the process.
- All database, article, and literature licensing available will start out small and grow to the needed size depending on the initial impressions of BookWorm. This means that if BookWorm gains a notable, frequent audience, license sizes will increase as new increments are released.
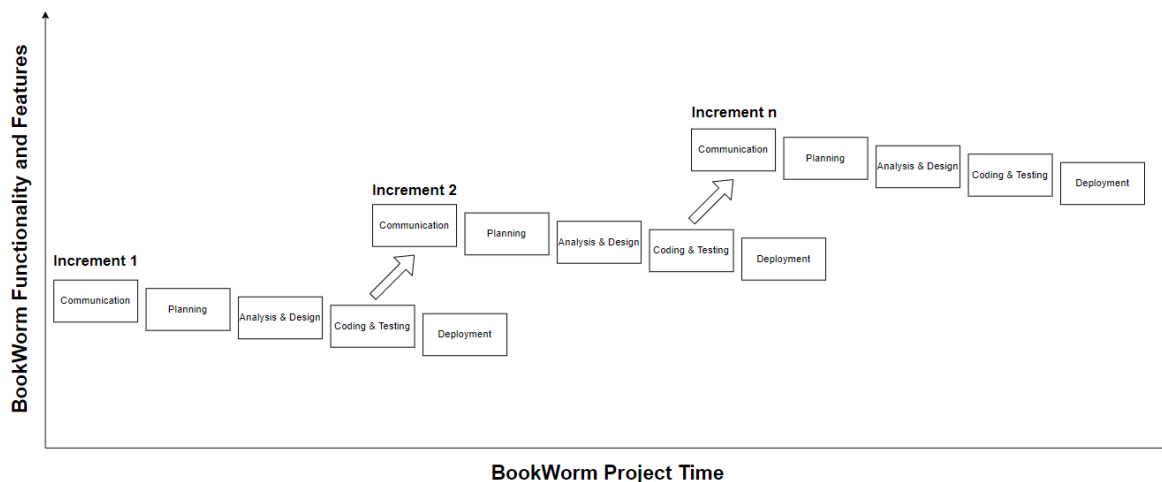

Figure 1: Incremental Software Process Model for BookWorm