**Minimum Requirements:**

1. Overview of the system, including identification of the various types of users, administrators, etc. who will be accessing the system in various ways.
2. List of assumptions made about the system.
3. Graphical schema of the database using the E-R diagram with a short description of each entity set, relationship set, and their corresponding values.
4. Set of relational schema resulting from the E-R diagram with the identification of primary and foreign keys.
5. DDL statements to create the relational schema in some appropriate Normal Form, with identification and justification of the Normal Form.
6. Description of front-end design as well as the front-end to back-end connection.
7. Brief overview of the system implementation with example screen shots.
8. Description of testing efforts and erroneous cases that system can detect and handle.
9. System’s limitations and the possibilities for improvements.

**Outline:**

* Introduce system, purpose and uses
* Overview of different types of users and how they can use the system
  + Public
    - Browse catalog
    - Search for a specific item by attribute
    - View data aggregation reports
  + Employees (restricted)
    - Add/edit customers
    - Add/edit transactions
    - Add/edit inventory
  + Managers (restricted)
    - Add/edit/delete users from the system
* Discuss how database was designed, explaining choices and assumptions
  + Include E-R diagram and descriptions of entity set, relationship set, and corresponding values.
  + Include relational schema and primary/foreign keys.
  + Include DDL statements in an appropriate Normal Form.
* Discuss front-end system design choices
  + Include screen shots of implementation
* Discuss success of implementation
  + Testing efforts
  + Error cases that are detected and avoided
  + Limitations
  + Areas for improvement