**Project Members**

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**Requirements Specification**

* Identify key features of the video rental system
* Develop scenarios for how users will interact with the system
* Define the types of movies to be included in the database
* Determine the inventory management system

**System Specification**

* Determine hardware and software requirements for the system
* Identify necessary libraries and frameworks for developing the application
* Select a database management system (DBMS) and configure it for use

**Database Design**

* Design the database schema based on the requirements specification
* Define relationships between entities and attributes for each entity
* Configure the database to handle data input and output

**User Interface Design**

* Develop a user interface for the video rental system
* Ensure that the interface is user-friendly and easy to navigate
* Implement functionality for browsing and selecting movies

**Application Logic**

* Implement application logic for rental and return transactions
* Develop functionality for browsing available movies
* Implement a search function for finding specific movies

**Testing**

* Test the application to ensure that all features work as expected
* Identify and fix any bugs that are discovered
* Perform user acceptance testing to ensure that the application meets user needs

**Deployment**

* Deploy the application to a production environment
* Ensure that the application is secure and stable
* Provide ongoing maintenance and support as needed