

# Solution 1

## Our First Approach

Our initial solution was to implement the Interactive Quiz System using a basic structure focusing on essential functionalities. The primary features included a login system, adding quizzes, deleting quizzes, and viewing all quizzes. We aimed to build a foundation before adding more complex features.

## Reason for Not Selecting This Solution

This approach had significant drawbacks. The application only supported adding quizzes without the ability to add questions and answers, making the system incomplete. Managing multiple users and quizzes through a CLI was unmanageable. Given these limitations, we decided that this solution would not be suitable for our project goals and needed further enhancement.

However, this solution did not meet all the **constraints** and requirements of the project:

1. **Application Type:** The application satisfied the desktop application constraint by providing a text-based interface. However, it did not offer an interactive user experience, especially in terms of question and quiz management.
2. **Question Types:** The application did not support multiple question types, such as multiple choice and true/false. This limitation made the system not helpful for handling multiple quizzes.
3. **Real-Time Scoring:** The application did not provide real-time scoring upon quiz completion. Users can not receive immediate feedback on their performance.
4. **Compatibility:** The application was compatible with Java 11 or later.

## Summary of Available Features

- **Login System:** Basic user authentication to secure access.
- **Add Quiz:** Users could add quizzes to the system.
- **Delete Quiz:** The system allowed users to delete existing quizzes.
- **View All Quizzes:** Users could list all available quizzes.