1.Six week plan for the development

Week 1: Project Setup and Basic UI

Priority: High

1. Define Project Scope and Objectives:

2. Choose Tech Stack:
   - Decide on the technology stack (e.g., HTML, CSS, JavaScript, backend language, database).

3. Set Up Development Environment:
   - Install necessary tools and libraries.
   - Set up version control (e.g., Git).

Week 2: Frontend Development

Priority: High

5. Design & Implement User Interface:
   - Begin developing the frontend components of the text editor.
   - Focus on creating a basic text input area.

6. Adding the basic Text Editing Features:
   - Add basic text editing functionalities (e.g., text formatting, undo/redo).

Week 3: Backend Development

7. Server Setup: High Priority Task
   - Set up a server to handle user sessions and data storage.

8. User Authentication: Low Medium Task
   - Implement user registration and login functionality.

Week 4 & 5:
Core Functionality & Testing

9. Text Editing Features: Medium Task
   - Enhance text editing capabilities (e.g., syntax highlighting, word count).

10. Testing: High Task
    - Perform unit testing and integration testing.
    - Identify and fix bugs and issues

Week 6: Deployment and Documentation

11. Deployment: High Task
   - Deploy the web-based text editor to a hosting environment (e.g., AWS, Heroku).

12. Documentation: Medium Task
   - Create user documentation and developer documentation.
   - Include instructions for setup, usage, and customization.

13. Final Testing: Medium Task
   - Conduct final testing and ensure the application is ready for production use.