

Objective:

Develop a web-based video player that allows users to customize subtitles in various styles and templates. This assignment will focus on the front-end implementation, integrating user interface components for video playback and subtitle customization.

Requirements:

1. Video Player Development:
 - Implement a basic video player that can play, pause, and seek through a video.
 - Ensure the player is responsive and functional across different browsers and devices.
2. Subtitle Customization:
 - Create a user interface allowing users to enable/disable subtitles.
 - Implement features to change the font size, color, and background of subtitles.
 - Allow users to choose from a set of predefined subtitle styles and templates.
3. User Interface:
 - Develop a clean and intuitive UI/UX that is easy to navigate.
 - Ensure the interface aligns with the overall design aesthetics of Clipo AI.
4. Documentation:
 - Provide documentation on how to set up and run the project locally.
 - Include a user guide that explains how to use the video player and subtitle features.
5. Testing:
 - Conduct basic usability testing to ensure the features work as expected.
 - Document any bugs or issues identified during testing.
6. Bonus (Optional):
 - Add a feature for users to upload their custom subtitle files in popular formats (e.g., SRT, VTT).
 - Incorporate a real-time subtitle editing tool where users can edit subtitles as the video plays.

Submission Guidelines:

- Submit the source code via GitHub, ensuring the repository is well-organized and includes all necessary files.

- Use React (or another modern JavaScript framework/library) for the development to showcase your proficiency in contemporary front-end technologies.

Evaluation Criteria:

- **Functionality:** How well does the video player and subtitle customization work?
- **Design:** Is the UI/UX design user-friendly and visually appealing?
- **Code Quality:** Is the code clean, well-commented, and structured?
- **Creativity:** How creative are the solutions for the subtitle features?
- **Completeness:** Are all the requirements met, and how thorough is the documentation?