Challenge Description: Create a Welcome Page for an App Using Material Design 3 and Modern Web Technologies

Objective: Design and develop a Welcome Page for a mobile app that runs on iOS and Android using the following technologies:

- **Material Design 3 for UI principles.**
- **Angular 18 and Angular Material 18 for application structure and UI components.**
- **Ionic and CapacitorJS for cross-platform mobile compatibility.**
- **Docker for containerization and deployment.**

Key Requirements

1. **Features:**
   - **A simple animation created using Spline, which should be interactable on the Welcome page.**
   - **A tabbed section:**
     - **One tab for Sign Up.**
     - **One tab for Login.**
   - **Each tab must include buttons for Google and Facebook Single Sign-On (SSO).**
     - **These buttons do not need to implement actual OAuth, but they must be styled appropriately.**
   - **Authentication(both login and signup) must be implemented using the provided Swagger JSON file.**
     - **Swagger file will provide APIs to authenticate users (simplified integration is sufficient).**
2. **Deliverables:**
   - **The completed solution should be uploaded to a GitHub repository, with the repository URL shared via email.**
   - **The app must run in a Dockerized environment, including steps for local deployment.**
3. **Documentation:**
   - **A detailed README.md file must include:**
     - **Instructions for setting up and running the project locally.**
     - **Explanation of the dependencies used and the reasoning behind their selection.**
     - **Directory structure of the codebase.**
     - **Description of the implementation, including links to any resources used (e.g., ChatGPT conversation if applicable).**
   - **Documentation on simplification techniques used to balance minimal code with efficient use of external libraries.**
4. **Key Evaluation Criteria:**
   - **Timeliness: Solution must be completed and submitted within 7 days. The sooner the better.**
   - **Dependencies: Use minimal dependencies while leveraging necessary libraries for essential functionality.**
   - **Code Structure: Maintain an organized and clear directory structure.**
   - **Efficiency: Favor concise, readable, and maintainable code.**
   - **Dockerization: Ensure the solution is deployable using Docker with minimal complexity.**
   - **UI Design: Adhere to Material Design 3 guidelines, focusing on simplicity, beauty, and user experience.**
   - **Functionality: Login and Signup workflows should function using the Swagger APIs provided.**

Additional Notes

- **The project should utilize Angular Material 18 for UI elements such as tabs and buttons.**
- **Ionic and Capacitor JS should ensure the app works seamlessly on both Android and iOS.**
- **Spline should be used for a simple yet engaging animation to enhance the visual appeal of the Welcome page.**
- **The final app should adhere to responsive design principles.**
- **We will be happy to see you're able to make shortcuts, but only working ones. Meaning that We encourage you to use tools like ChatGPT. We would like to see the way you leverage your work with them, so please share us your conversation URL. If provided, AI usage is a plus, otherwise pointed negatively.**

Submission Guidelines

1. **Upload your code to a GitHub repository. Ensure the repository is public or accessible by the review team.**
2. **Include a detailed README.md with:**
   - **Deployment and setup instructions.**
   - **Explanation of libraries and dependencies used.**
   - **Rationale for design and structural decisions.**
   - **Any limitations or known issues.**
3. **Send the repository URL via email to the provided address, including the conversation URLs if applicable.**

Good luck! We look forward to seeing your innovative solutions.