React (NextJS) Developer - Spelling Bee Game Project (For Interview Purposes)

Are you a talented React (NextJS) developer looking for an exciting challenge to showcase your skills? Chex, a leading software company specializing in advanced ordering and billing solutions for the food and beverage industry, invites you to participate in our interview process by completing a stimulating project: the development of a multilingual spelling bee game.

Client Overview:
Chex is dedicated to pushing the boundaries of technology in the food and beverage industry. As part of our interview process, we're excited to introduce a unique opportunity to develop a multilingual spelling bee game. While **this project won't be integrated into our product offerings**, it serves as an opportunity for candidates to demonstrate their frontend and backend development abilities.

Project Objective:
Develop a multilingual spelling bee game using React (NextJS), which dynamically switches between English and Turkish versions based on user preferences. The game should utilize dictionary files to provide a set of letters for each game session. Additionally, implement a timer mechanism that starts at 1 minute and awards 15 additional seconds for every correct word guess. The final score should be calculated based on the length of the correctly guessed words.

Project Details:

Frontend Development:
- Utilize NextJS to build separate pages for English ("/en") and Turkish ("/tr") versions of the game.
- Design a user-friendly interface with game elements such as the hive of letters, word input textbox, timer display, and scoring system.

Backend Integration:
- Simulate language preferences and provide dummy dictionary files.
- Develop logic to read these files and select seven random letters for each game session.

Game Mechanics:
- Implement logic to validate words created by players against the provided dictionary files.
- Incorporate a timer mechanism that starts at 1 minute and awards 15 additional seconds for every correct word guess.

Scoring System:
- Calculate the final score based on the length of the correctly guessed words, with additional points awarded for longer words.

Deliverables:
- Submit the completed project to a public GitHub repository.
- Deploy the project to Vercel and provide the deployment link.

- Include your resume and any relevant portfolio links in your submission.

How to Participate:
- Develop the spelling bee game project following the specified requirements.
- Submit your completed project along with the required deliverables to [email address] by [submission deadline].
- Selected candidates will be contacted for further interviews and discussions.

If you're ready to showcase your skills and tackle an exciting project in a collaborative environment, don't miss this opportunity to join our team at Chex. We look forward to seeing your creativity and expertise shine through in this project!