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a.

Progressive Web App. I will do a background research on the app requirement, explain all available frameworks and make him understand why PWA's are the most suitable one. Create a wireframe and mockup design to display how the app will look like to convince John.

b.

Native Apps and Hybrid Apps

- 1. Native apps also can be a good choice as he has no issue with money and time. But it is a waste of time, as he will require professional app developers and spend a lot of money unnecessarily.
- 2. Hybrid Apps also can be used but since the website is already built it's a hassle to rebuild it to app again where as he can just do a PWA and make his app easily.

c.

As the website has been already developed, and John wants to add more features to the website. Specially request music, chat etc. I suggest he creates a **Progressive Web App**. Thereby he can have the same database and manage both website and app together.

d.

Ability for user to create playlists and save them.

e

Spotify – PWA SoundSlice – PWA