

## Assessment: To-Do List App with 3D Twist

Build a frontend-only web application using Next.js (App Router) that allows users to manage a personal to-do list. You will also add a creative 3D experience inside the app using React Three Fiber ([Three.js](https://docs.pmnd.rs/react-three-fiber)). This project will test your UI implementation, state management, and creativity with 3D

Figma UI -

<https://www.figma.com/design/sXiQWv2BmUAV560zGwa73U/Untitled?t=czuehVGGH64Kk2Ix-0>

### Technical Expectations

- Use Next.js App Router.
- Build UI with Tailwind CSS.
- Use React Server Components / Client Components appropriately.
- Implement state management (local state, Context, or Redux if you prefer).
- No backend required → persist data in local state.
- Add a 3D component using React Three Fiber in one of these ways (pick one):
  - A small interactive 3D widget (e.g., rotating cube that changes color when a task is completed).
  - 3D visualization of task progress (e.g., completed tasks fill up a 3D bar, or stars light up).
  - A 3D background behind the to-do list.

### Submission Requirements

- GitHub repository link
- Deploy to Vercel and include the live link

Duration - 72hrs