Background

Insyd is helping AEC (Architecture, Engineering and Construction) businesses with tools and systems to help them run their operations smoothly and scale their businesses. We want to see them succeed because this is how Indian designers and materials will shape world Architecture. One of the biggest issues they face is related to offline payments, cheques and cash in particular.

Cheques are still an extremely convenient mode of payment with Indian SMEs when it comes to B2B payments. Cheques, especially post-dated cheques (PDCs), can account for as much as 50% of total payment volumes for offline businesses. Cash is extremely popular too as it's familiar and unaccounted for.

But, with great convenience comes great trouble. Delayed payment cycles, bounced cheques, bookkeeping errors, fake notes etc. drive entrepreneurs insane.

Part 1: Problem solving document

Problem-solve for a business handling 50% of business payments via cheques and cash. Think about how tech can solve problems here, but keep in mind that not all problems need tech.

Deliverables

1. 1-2 pages document explaining your solutions to the problem. Use diagrams and tables if necessary.

Part 2: POC Webapp

Implement a system which can fix one or more solutions you mentioned above in NextJS + ExpressJS stack. When in doubt, make assumptions and make them explicit.

Deliverables

1. Links to Github repositories
2. A deployed app on a platform of your choice