

Project Design Phase Solution Architecture

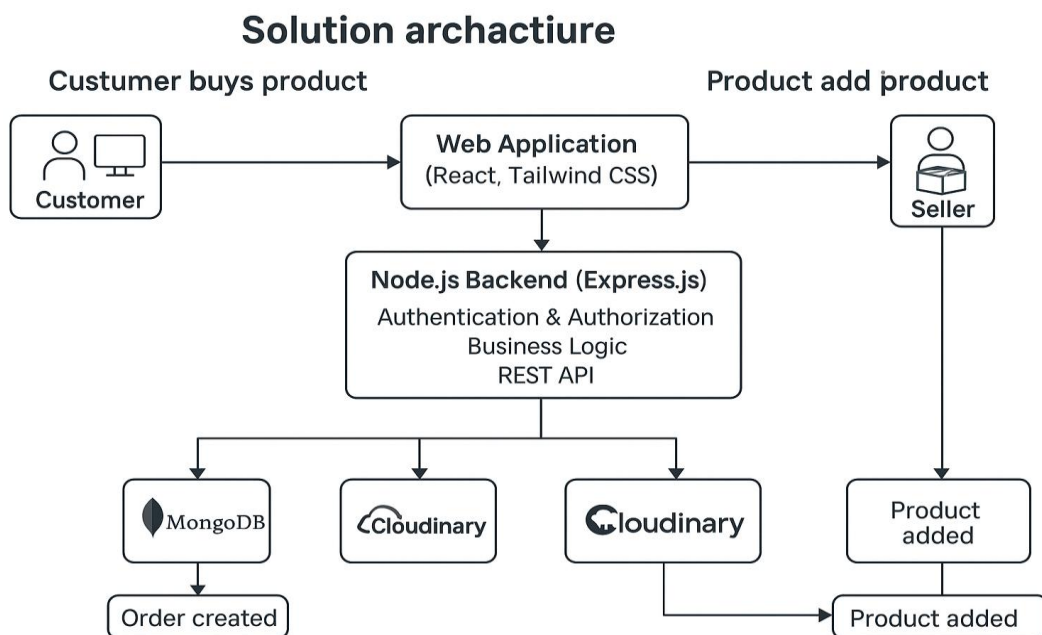
Date	6 August 2025
Team ID	PNT2025TMID10267
Project Name	GreenCart –Grocery-WebApp
Maximum Marks	4 Marks

Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- Find the best tech solution to solve existing business problems.
- Describe the structure, characteristics, behavior, and other aspects of the software to project stakeholders.
- Define features, development phases, and solution requirements.
- Provide specifications according to which the solution is defined, managed, and delivered.

Solution Architecture Diagram:



Authentication via JWT and secure Cookies

File uploads handled by Multer and stored on Cloudinary

Payment integration through Stripe Checkout

