PROOF OF CONCEPT

DIAMEND COSMETIC

PVT. LTD

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PROBLEM STATEMENT

The cosmetic industry face increasing consumer demands yet it is hard to find quality products that are 100% free from harmful chemicals and as well as non-recyclable packaging.

PROPOSED SOLUTION

The web application will allow users to see the list of products and once the user select the product, all the product details can be seen.

Technology stack-
- Frontend: nextjs
- Backend: Nodejs with expressjs framework
- Database: MYSQL

IMPLEMENTATION PLAN

- Phase 1 (day 1): Design an ER Diagram to identify database table relations and how those are connected.
- Phase 2 (day 2): Write Postman collection to get products list and product details data.
- Phase 3 (day 3): Start developing Backend api's in Nodejs with expressjs framework while adding unit test along with the development.
- Phase 4 (day 4): Start developing Frondend web in Nextjs framework while adding unit test along with the development.

IMPLEMENTATION PLAN

- Conduct user testing with a small group to validate the functionality of the app.
- Ensure the app works seamlessly on different devices and browsers, and the backend handles data correctly.
- Test the app's response time, particularly for loading.

CONCLUSION AND NEXT STEPS

- After a successful POC, the next step is to scale the web app by integrating more product categories (e.g. haircare, perfume).