

Project Design Phase
Proposed Solution Template

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| Date | 20-06-2025 |
| Team ID | LTVIP2025TMID5041 |
| Project Name | ShopEZ : One-Stop Shop For Online Purchases |
| Maximum Marks | 2 Marks |

Proposed Solution Template:

Project team shall fill the following information in the proposed solution .

| S.No. | Parameter | Description |
|-------|---------------------------------------|---|
| 1 | Problem Statement | Existing e-commerce platforms often lack tailored experiences for sellers and customers, leading to inefficiencies, poor engagement, and complex administration. |
| 2 | Idea / Solution description | ShopEZ is a MERN-based e commerce web app offering user-centric shopping, seller dashboards, and admin control panels to streamline operations and user experience. |
| 3 | Novelty / Uniqueness | Real-time dashboard updates, modular architecture, and clear segmentation of customer, seller, and admin roles differentiate ShopEZ from traditional platforms. |
| 4 | Social Impact / Customer Satisfaction | Simplifies online shopping for users, empowers small businesses to manage digital inventory easily, and supports platform trust via admin oversight. |

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| 5 | Business Model (Revenue Model) | Freemium model for basic usage; premium subscriptions for sellers offering analytics and priority listings; possible commission based earnings per sale. |
| 6 | Scalability of the Solution | Easily scalable using MongoDB and Node.js on cloud services (e.g., AWS/Heroku); future-ready with modular components for adding features like payments or analytics. |