

NFRs:-

NFR	How have you identified? →(using surveys)	How the system will fulfill the requirements?
1.Performance	Sellers reported delays in payment gateway settlement , delays in shipping, and slow product listing/upload .	The system must respond quickly in product listing, search, checkout, and payment. This can be achieved through caching, optimized database queries, efficient APIs, and fast payment integration.
2.Scalability	Sellers highlighted too many competitors on the same platform and growing numbers of products/orders.	The system should handle increasing users, sellers, and products smoothly. This can be achieved using cloud hosting, load balancing.
3.Usability	sellers said listing is time-consuming, some wanted easy product upload, and some faced poor image upload quality.	The system must provide a simple, mobile-friendly interface. This can be achieved by drag-and-drop uploads, structured categories, responsive design, and usability testing.

4.Maintainability	Sellers requested reports like daily/weekly sales, most viewed products , and inventory alerts showing evolving needs.	The system should be easy to update and extend. This can be achieved by modular code and clear documentation.
5.Privacy and Security	sellers complained about inadequate security, poor payment flow, and fraud risks.	The system must protect sensitive account and bank details. This can be achieved by SSL/TLS encryption and secure authentication.