

Inventory Management System for Retailers

Proposed Solution

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| Date | 12 November 2022 |
| Team ID | PTN2022TMID26134 |
| Project Name | Inventory Management System for Retailers |

| S. No. | Parameter | Description |
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| 1 | Problem Statement | To solve the need that the shopkeepers doesn't have the systematic way to keep their record of inventory data. |
| 2 | Idea / Proposed Solution | An application which retailers successfully log in to the application, that they can update their inventory details, also users will be able to add new stock by submitting essential details related to the stock. They can view details of the current inventory. The System will automatically send an email alert to the retailers, if the stock reduced to the limited amount found in the inventory. So that they can order new stock. |
| 3 | Novelty / Uniqueness | With this inventory management system, the shopkeeper not only can fill the inventory but also reduce the wastage of goods. The users can register the stocks that they need by logging in from their account. |
| 4 | Social Impact / Customer Satisfaction | Customer Satisfaction is entirely depend on the services which they expected. If the retailer's system exceeds with customer's expectation, the customers will be satisfied. |

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| 5 | Business Model | With the better inventory management system, Update the inventory without any need of manpower. Retailer can live up with user's need and be on the flow with current sale products and they can update the inventory with that products. |
| 6 | Scalability of the Solution | <p>To create a scalable inventory management system, the retailer have to</p> <ol style="list-style-type: none"> 1. Keeping low inventory levels as much as possible 2. Keep an eye on Sales Projections 3. Use ODM (On-Demand Manufacturing). ODM refers to manufacture or in this case, update the products which are highly in demand. |