



# sentiENTERPRIZE

An integrated point of sales system with automated inventory management which saves you time and energy to focus on your business.

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Point of Sales

Inventory Management

Profile Statistics

Jia Shuyi  
Anirudh Shrinivason  
Hoo Yong Wei, Gerald  
James Raphael Tiovalen  
Velusamy Sathiakumar Ragul Balaji

## Real Apparel

Day	Week	Month	Range
		<b>Retail</b>	
		30/12/2020 04:47	
Transaction code: DE23P		3	
Subtotal		199.65	
Ankle Socks	3 ×	9.95	
Flannel Pyjamas	2 ×	49.95	
Velvet Dress	2 ×	34.95	

## Point Of Sales

### Real-Time Firebase Data

When a sales is made and reflected onto Firebase, the app instantly refreshes with the most up-to-date transactions.

### Toggle by Time Period

Filtering feature allows businesses to look at an overview of its daily, weekly and monthly transactions with a click of a button.

### Expandable Transaction Info

Each transaction widget is also expandable to look into more details on what have been sold for that particular transaction.

## Inventory Management

### Simple Inventory Entries

When businesses receive their stock, they can easily add their new stock into the application for more convenient overview.

### Live Comments on each Entry

Live comments within each entry allow for cross-department colleagues to quickly communicate if any issues were to occur.

### Favorite Important Items

The “favorite” feature allows companies to give more priority to certain stock items and allow these items to be more easily accessible.

RECENT	MY ITEMS	MY TOP ITEMS
anirudh 0		
Wide Leg Trousers		
Amount: 19		
Unit Price: 39.95		
Trousers very nice		
anirudh 0		
Viscose Shirt		
Amount: 195		
Unit Price: 19.95		
Very nice		
anirudh 1		
Velvet Dress		
Amount: 50		
Unit Price: 34.95		
Dress that is very nice		

## Profile Statistics

### Overview of Data Collected

This page gives an overview of all relevant data collected while using this application. This serves as a quick reference for users.

### Security Feature to Protect Privacy

Data collected is linked to Firebase and Firebase authentication is needed before anyone can have access to any information.

### Customizable Data Collected

The data shown on this page can be easily customized to what businesses would want to see on their profile page.

## Real Apparel

Branch Name SUTD	Company ID 0001
Profit \$8942.32	Profit/Mth \$3292.01
Total Transactions 78	Transactions/Mth 26
Total Orders 32	Orders/Mth 16

## Future Work : Demand Prediction

### Machine Learning

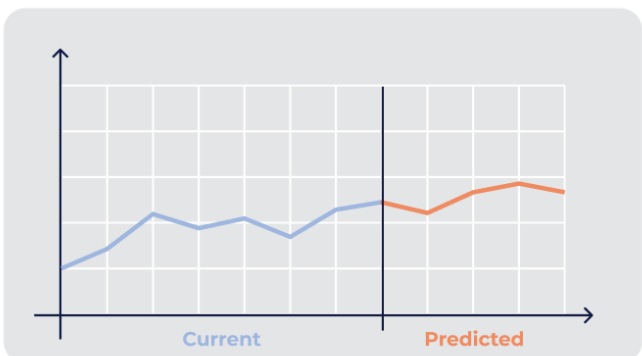
Data collected can be pushed through a machine learning model to predict future trends on how much stock is used/needed.

### Smart Suggestions

When the application detects that the user is going low on a certain stock item, it prompts the user to restock that item.

### Convenient Stock Ordering

Accompanied with smart suggestions, businesses can order from their usual supplier with a simple click of a button.



### Demand Prediction

Chicken 15% Remaining!	Buy Now!
Eggs 20% Remaining!	Buy Now!
Vegetable 40% Remaining!	Buy Now!
Rice 50% Remaining!	Buy Now!