**Business Area**

We are preparing an Inventory Management System for Shoes Retailer “Snap-Shoes”

**Introduction of business operation**

Snap Shoes is your place for athletic and casual shoes for the whole family from hundreds of name brands. You'll find styles for women, men and kids from brands like Nike, Converse, Vans, Sperry, Madden Girl, Skechers, ASICS and more! It is a leading family footwear destination for the famous brands you know and love.

**Features**

Inventory management System provides two separate logins for the users.

1. Normal User login.

2. Admin login

When logged in as an admin, the user can Add, Update, Delete, View products.

When logged in as a normal user, the user can only view the product.

Admin login is password protected.

Apart from that there is a discount button present on the Home page. When clicked, it returns all the shoes which are available at a discounted price.

Also, the user can also view the historical data of the retailer i.e. till now how many different types of shoes were stocked by them.

By clicking the Instagram account, the user can also check out the Instagram page of Snap shoes.

**Requirement gathering**

The process included understanding the pain points of the retailers. Brainstorming was the chief technique used for requirement elicitation. In each session, efforts were made to find a conclusion for a specific problem by gathering a list of ideas spontaneously contributed by each of us. After that, scope was decided i.e. what the system can do. In the end the requirements of the system were finalized.

* **Functional Requirements**: 1) Admin login using password.

2) CRUD operations performed by admin.

3) Discount feature showing shoes which are available at a low price.

4) The system also keeps track of the historical data.

* **Non-Functional Requirements:** 1)Highly secure.

2) Low Response time

3) Accurate and Highly reliable.

**Flowchart of the system.**

**A close up of a piece of paper

Description automatically generated**