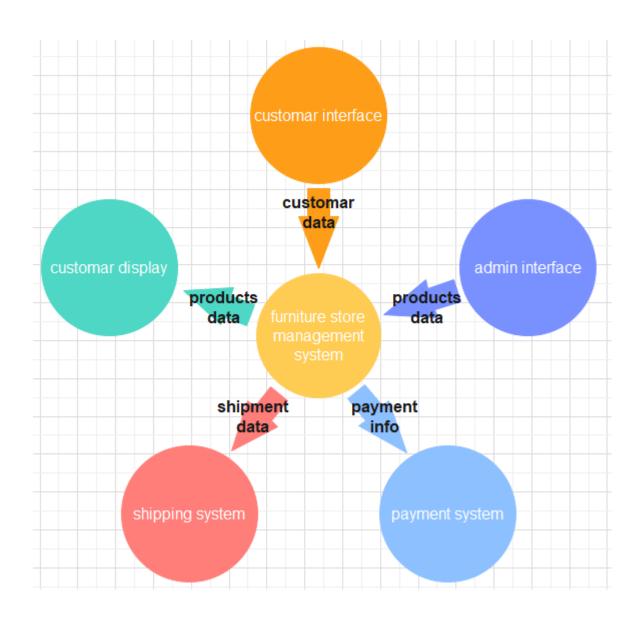
#### 1. Introduction

This system should be able to make customers buy furniture easily .it should provide shipping methods for customers .it should provide payment methods with the usage of payment systems .

## 2. Context Diagram



## 3. User Requirements

- The system need to be fast
- easy to use
- has a simple interface
- should categorise the products
- search for products
- should have a refund method
- should have many payment methods
- should have many shipping methods
- should track the package

## 4. Functional Requirements

#### **Authentication:**

Description	it should handle the login and registeration for the
	users
Requirements	user data(E-mail,Password,Address,PhoneNumber)
Source	user interface
Pre-condition	validate the data
Post-condition	enable the user to enter the system and make the
	user authentecated
Output	generate id for the user

### **SearchForProduct:**

Description	it should search for a product by its specifications
Requirements	product (name,type)
Source	search interface
Pre-condition	validate the data
Post-condition	retrive the data of the products related to the search
	specifications
Output	display products related to the search specifications

#### MakeOrder:

Description	it should enable the user to make order
Requirements	productID,userID
Source	order interface
Pre-condition	check that user is Authenticated
Post-condition	generate the orderID
Output	display the order information

## Payment:

Description	it should give the user options to pay
Requirements	payment method,card info,orderID
Source	payment interface
Pre-condition	validate card info
Post-condition	generate transactionID
Output	display the transaction

#### shipping:

Description	it should give the user options to ship the package
Requirements	orderID, shipping method, address
Source	shipping interface
Pre-condition	validate address
Post-condition	confirm the address
Output	display the expected date for the package to arrive

## 5. Non-Functional Requirements

### 1-Security

Authentication:we must make sure of the parties attempting to access to the system if they are authorised or unauthoreised.

Authorisation: the system should authorise the admin to add and edit products and should authorise the users to buy products.

### 2-Useability

the user must be able to use the system after 2 hours of training.

people with no understanding for english must be able to use the product.

### 3-Efficiency

The screen refresh time shouldn't exceed 0.025 seconds.

Product size shouldn't exceed 25 MB.

### **4-Preformance**

The response time of buying a product shouldn't exceed 2 seconds.

# **5-Capacity**

The system should handle at most 50.000 visitor.