RetailHub

Group Name: ChavanAKumarRAhireS

Our Team =>

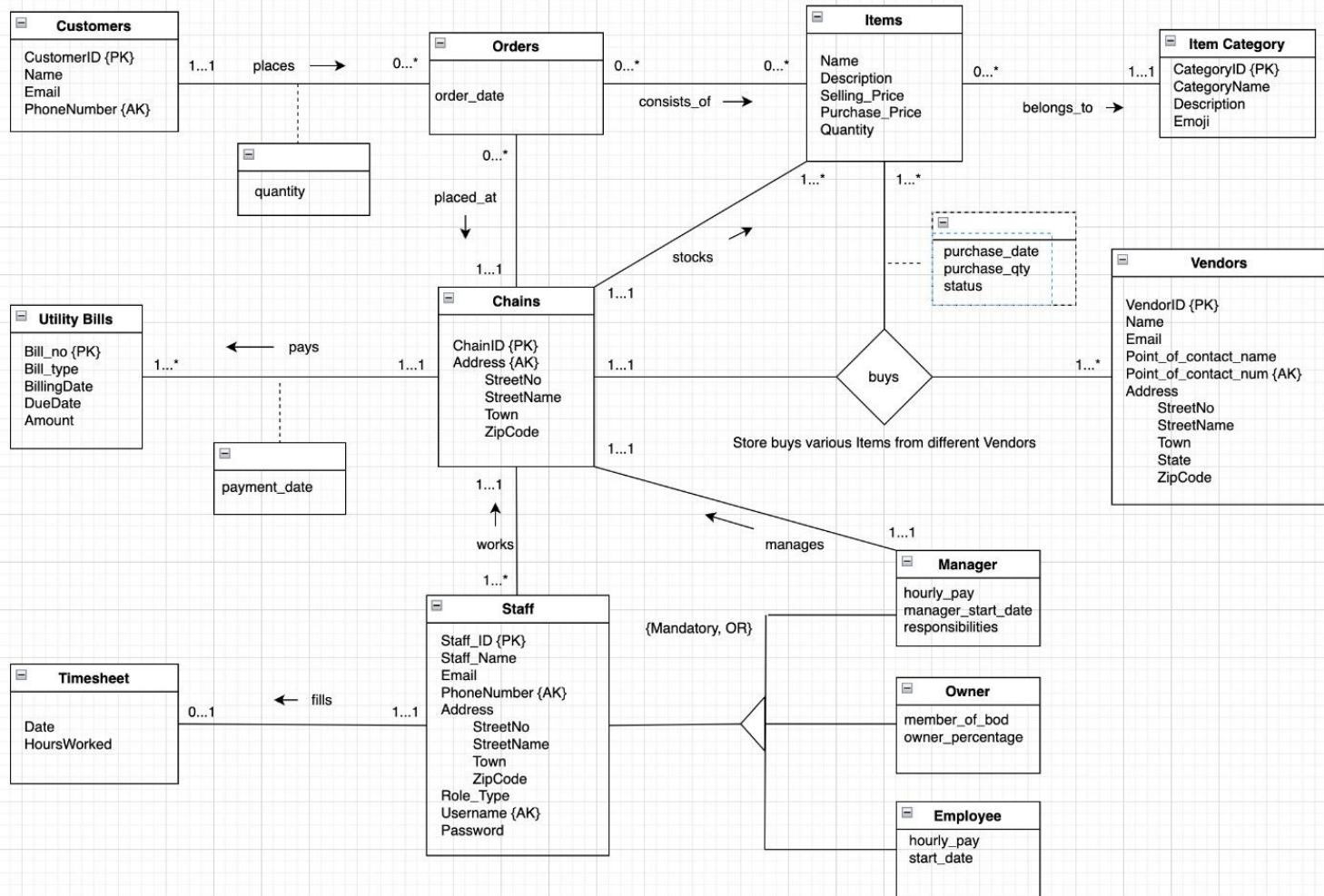Akshay Chavan   Rishabh Kumar   Sameer Ahire

UML DIAGRAM :-

Customers
CustomerID {PK}
Name
Email
PhoneNumber {AK}

Orders
order_date

Items
Name
Description
Selling_Price
Purchase_Price
Quantity

Item Category
CategoryID {PK}
CategoryName
Description
Emoji

quantity

Utility Bills
Bill_no {PK}
Bill_type
BillingDate
DueDate
Amount

Chains
ChainID {PK}
Address {AK}
    StreetNo
    StreetName
    Town
    ZipCode

purchase_date
purchase_qty
status

Vendors
VendorID {PK}
Name
Email
Point_of_contact_name
Point_of_contact_num {AK}
Address
    StreetNo
    StreetName
    Town
    State
    ZipCode

payment_date

buys

Store buys various Items from different Vendors

Manager
hourly_pay
manager_start_date
responsibilities

Timesheet
Date
HoursWorked

Staff
Staff_ID {PK}
Staff_Name
Email
PhoneNumber {AK}
Address
    StreetNo
    StreetName
    Town
    ZipCode
Role_Type
Username {AK}
Password

Owner
member_of_bod
owner_percentage

Employee
hourly_pay
start_date

places · 1...1 · 0...* · consists_of · 0...* · 0...* · belongs_to · 1...1

0...* · placed_at · 0...* · 1...1 · stocks · 1...* · 1...* · 1...1

pays · 1...* · 1...1 · 1...1 · 1...1 · buys · 1...*

works · 1...1 · 1...* · manages · 1...1

fills · 0...1 · 1...1 · {Mandatory, OR}

RetailHub

Username *

Password *

☐ Login as owner

LOGIN

New user? Signup here

In the realm of store management, our application caters to three distinct user roles: owner, manager, and employee. Each user type experiences a tailored interface designed to streamline their specific responsibilities within the system.

While logging in, owners are prompted to select the chain of stores they wish to manage, while managers enjoy a seamless login experience. Notably, the application focuses on store management tasks rather than catering to customer interactions.

Employees, upon login, encounter a simplified interface allowing them to input their daily working hours and access a comprehensive chart detailing their working hours for the past month.

Hours worked: [ ] **SUBMIT**

Timesheet Line Chart

Day wise representation of employee attendance
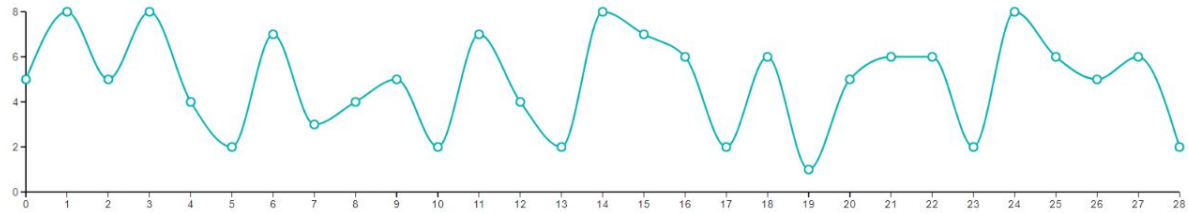
The dashboard boasts a rich array of graphs and metrics, presenting vital insights into the store's performance. Six prominent cards dominate the top section, displaying key figures such as total categories, customers, stores, pending orders, employees, and vendors. These values are dynamically fetched from our MySQL database via a robust API. Complementing these cards are four insightful charts, all powered by SQL procedures. Noteworthy examples include a bar chart showcasing the 'Top 10 vendors' and a pie chart detailing 'Categories and their expenses.'

RetailHub

Dashboard

Inventory

Vendors

Finances

Employees

Welcome to, RetailHuB

Explore a state-of-the-art store management solution that transforms the way you handle purchase orders. Our platform seamlessly integrates intuitive controls for selecting categories, specifying items, and managing pricing and quantities.

GET STARTED

22 Categories	3 Customers	3 Stores
5 Pending Orders	14 Employees	37 Vendors

Top 10 Vendors

- Top Vendors

600
450
300
150
0

HomeAccents AdventureAwaits ChicChairs PartyPalooza SunsetSweets

Top Categories

98
140
80
45

- Books - Electronics - Outdoor Furniture
- Pets & Pet Supplies

Logout
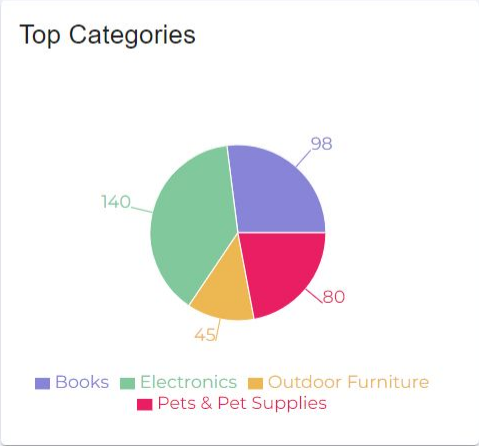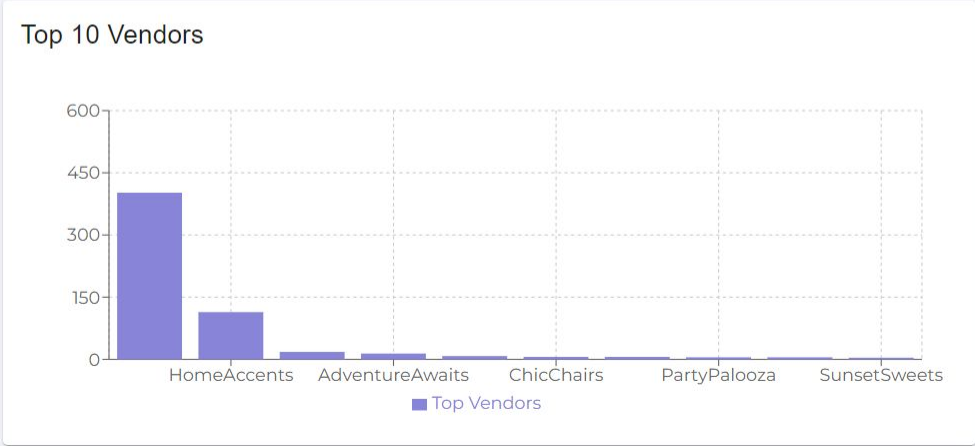
Navigating to the Inventory section reveals a page adorned with cards representing the various categories within the store, ranging from books to furniture and toys. A user-friendly category add button facilitates the seamless addition of new categories, guiding users through a dialog box for name and description input. Each category tile provides options to edit or delete, with meticulous safeguards in place to prevent accidental deletion of categories housing items. Importantly, all CRUD operations within this section are reflected in real-time within our MySQL database.

RetailHub

- Dashboard
- **Inventory**
- Vendors
- Finances
- Employees

- Logout

Add Category

Books

Electronics

Home Decor

Toys

Furniture

Appliances

Sports & Outdoors

Health & Beauty

Jewelry & Accessories

Automotive

Pets & Pet Supplies

Stationery & Office Supplies

Outdoor Furniture

Electrical Appliances

Party Supplies

Gourmet Foods

Vintage Collectibles

Tech Gadgets

Artisanal Crafts

Green Living

Sci-Fi & Fantasy

Test

Clicking on a category tile opens a dedicated page showcasing detailed information. The top section displays the category name and description, while a comprehensive table beneath provides insights into individual items. Details include the item's vendor, description, price, margin, quantity, and availability. User actions, such as editing, deleting, or adding items, trigger dynamic calculations via SQL procedures, ensuring accurate cost calculations based on manager-defined margins and vendor-supplied cost prices.

Books

Dive into a world of literary wonders with our extensive collection of books. Whether you're a seasoned reader or just starting your reading journey, our selection covers a broad range of genres and interests. From comprehensive guides for SQL beginners to classic works on electronic design, our library caters to every book lover's taste. Explore, discover, and embark on an adventure through the pages of our carefully curated books.

ADD ITEM

Item Name	Vendor Name	Item Description		Price	Margin(%)	Quantity	Availability
The Art of Electronics	HomeAccents	Classic book on electronic design				10	In Stock
Java Programming	PlayPalace	Master Java programming language				10	In Stock
Algorithms Unlocked	PlayPalace	A guide to algorithms and problem-solving				10	In Stock
The C Programming Language	PlayPalace	Timeless classic for C programming				15	In Stock
Fashionable Denim Jeans	EcoHomeGoods	Stylish denim jeans for a trendy look		60	0	15	In Stock
Classic White T-Shirt	EcoHomeGoods	Essential white t-shirt for casual wear		20	0	25	In Stock
Winter Jacket	EcoHomeGoods	Warm and stylish winter jacket for cold days		130	0	12	In Stock
Harry Potter	DefaultVendor	Harry Potter Part 1		0	0	1	In Stock
Mastery Magic	DefaultVendor	Made for students interested in magic.		0	0	0	Out of Stock
Dummy Item	DefaultVendor	This is a dummy description		0	0	0	Out of Stock

Menu:
- ↑ Sort by ASC
- ↓ Sort by DESC
- Filter
- Hide column
- Manage columns

Rows per page: 10   1–10 of 10

Dashboard
Inventory
Vendors
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RetailHub

The Vendors section introduces a visually appealing interface with card tiles presenting key metrics for categories, users, pending orders, and vendors. Two tabs, "Place Order with Vendor" and "Vendor Data," offer distinct functionalities. The former empowers managers to create orders with precision, specifying vendor details, desired items, prices, and quantities. The latter tab provides a straightforward table presenting vendor details, seamlessly fetched from the database via an API.

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- Dashboard
- Inventory
- **Vendors**
- Finances
- Employees

- Logout

22k	Categories
3m	Customers
4k	Pending Orders
37k	Vendors

PLACE ORDER WITH VENDOR

VENDORS DATA

Vendor Name ▾

Category ▾

Item ▾

Price
$

Count

ADD TO ORDER LIST

Item Id	Item Name	Item Count	Item Price ($)

To add items to the vendor order, fill the adjacent form.

SUBMIT ORDER ➤

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- Dashboard
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Logout

22k	3m	4k	37k
Categories	Customers	Pending Orders	Vendors

PLACE ORDER WITH VENDOR | **VENDORS DATA**

ID	Vendor N... ↑ ⋮	Vendor Email	POC Name	Phone Number	Vendor Address
1	HomeAccents	homeaccents@email.com	John Vendor	111222333	111 First Street, TownA, StateA, 11111
3	ToyLand	toyland@email.com	Bob Vendor	777888999	333 Third Street, TownC, StateC, 33333
4	FurnitureHaven	furniturehaven@email.com	Alice Vendor	111222	444 Fourth Street, TownD, StateD, 44444
6	HomeHarmony	homeharmony@email.com	Helen Vendor	888999000	666 Sixth Street, TownF, StateF, 66666
7	ToyWonderland	toywonderland@email.com	Tina Vendor	123456789	777 Seventh Street, TownG, StateG, 77777
9	TechTrends	techtrends@email.com	Tom Vendor	444555666	999 Ninth Street, TownI, StateI, 99999
10	EcoHomeGoods	ecohomegoods@email.com	Ella Vendor	777888999	101 Tenth Street, TownJ, StateJ, 10101
11	PlayPalace	playpalace@email.com	Penny Vendor	111222	121 Twelfth Street, TownK, StateK, 12121
31	HarmonyHues	harmonyhues@email.com	Harry Vendor	111222	525 Fifty-Second Street, TownAE, StateA...
32	UrbanUtopia	urbanutopia@email.com	Ursula Vendor	333444555	545 Fifty-Fourth Street, TownAF, StateAF,...

In the Finances section, users are presented with two insightful tabs: "Expense Transaction Ledger" and "Income Transaction Ledger." The former serves as a comprehensive repository for orders created using the "Place Order with Vendor" tool. Each entry features essential details such as vendor name, item details, quantity, total cost, date and time, payment status, and actionable options for approval or decline. These actions trigger updates in the database, influencing inventory levels accordingly. The "Income Transaction Ledger" tab, on the other hand, provides a read-only view of store transactions, including customer details, quantities, payment modes, and total prices.

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22k Categories	**3m** Customers	**5k** Pending Orders	**37k** Vendors

- Dashboard
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- **Finances**
- Employees

EXPENSE TRANSACTION LEDGER | INCOME TRANSACTION LEDGER

Ref. No	Vendor Name	Item Name	Item Count	Total Cost	Date and Time	Order Status	Actions
10	ModernFurnish	Board Game Collection	10	150.00	2023-12-08T23:15:00.000Z	Pending	✓ ✗
11	TimelessTreasures	Web Development with HTM...	8	200.00	2023-12-08T23:30:00.000Z	✗ Failed	✓ ✗
12	ToyWonderland	Dining Table and Chairs	3	120.00	2023-12-09T00:00:00.000Z	✓ Success	✓ ✗
13	EcoHomeGoods	Coffee Maker with Grinder	15	150.00	2023-12-09T01:00:00.000Z	✗ Failed	✓ ✗
14	GreenLivingHub	Decorative Throw Pillows	5	90.00	2023-12-09T02:00:00.000Z	✓ Success	✓ ✗
15	HealthfulHome	The C Programming Language	7	154.00	2023-12-09T03:00:00.000Z	Pending	✓ ✗
16	ToyLand	Data Science Essentials	1	5.00	2023-12-09T04:00:00.000Z	✓ Success	✓ ✗
17	GadgetGalaxy	Algorithms Unlocked	4	48.00	2023-12-09T05:00:00.000Z	✓ Success	✓ ✗
18	ModernFurnish	Machine Learning in Action	6	48.00	2023-12-09T06:00:00.000Z	✓ Success	✓ ✗
19	EcoHomeGoods	Modern Wall Clock	7	49.00	2023-12-09T07:00:00.000Z	Pending	✓ ✗

Logout

RetailHub

22k	3m	5k	37k
Categories	Customers	Pending Orders	Vendors

Navigation
- Dashboard
- Inventory
- Vendors
- Finances
- Employees
- Logout

EXPENSE TRANSACTION LEDGER	INCOME TRANSACTION LEDGER

ID	Customer Name	Quantity	Payment Mode	Total Price
1	Alice Johnson	3	Credit Card	35
2	Bob Williams	2	Cash	25
3	Charlie Brown	1	Debit Card	15
4	Diana Miller	4	Cash	45
5	Edward Davis	2	Credit Card	30
6	Fiona Smith	1	Cash	10
7	George Wilson	3	Debit Card	40
8	Helen Anderson	2	Credit Card	28
9	Ian Taylor	1	Cash	12
10	Julia Moore	4	Credit Card	50

The Employees section adopts an intuitive tile format, with each tile representing an employee. Expanding these tiles reveals in-depth details about individual employees, offering a holistic view of the workforce. The application culminates with a secure logout button, ensuring the termination of user sessions with the utmost security and compliance.

RetailHub

Hello, Akshay 👋

AC

Akshay Chavan
Working here since 2023

JS

John Smith
Working here since 2023

AJ

Alice Johnson
Working here since 2023

MD

Michael Davis
Working here since 2023

EB

Emily Brown
Working here since 2023

DL

Daniel Lee
Working here since 2023

SR

Sophia Rodriguez
Working here since 2023

MW

Matthew Wilson
Working here since 2023

OM

Olivia Moore
Working here since 2023

EG

Ethan Garcia
Working here since 2023

AM

Ava Martinez
Working here since 2023

LT

Logan Taylor
Working here since 2023

GH

Grace Harris
Working here since 2023

AS

Active Singh
Working here since 2023

Thank You :)