PANACHE

E-COMMERCE WEBSITE FOR GIFTS

P Prerna Dutta

S Satyam Singh

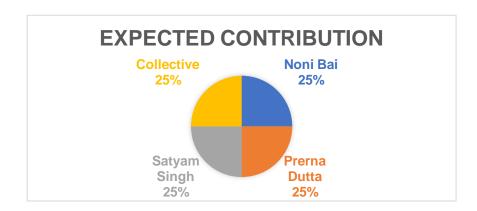
Noni Bai

GR6

VISION

The objective is to design and develop a functional ecommerce website that is capable of displaying searched data items that can be stored dynamically by the admin. The customers have their exclusive carts wherein they can store and purchase their own items without interference by other customers.

WORK DIVISION ANALYSIS



Contributor	WORK*
Noni Bai	Linking pages and integration
Prerna Dutta	Front end designing
Satyam Singh	Back end Designing

^{*}subject to minor alterations over time

CLASSIFICATION OF TASKS

- FRONT END DESIGNING
- BACK END DATABASE
- INTEGRATION AND TESTING

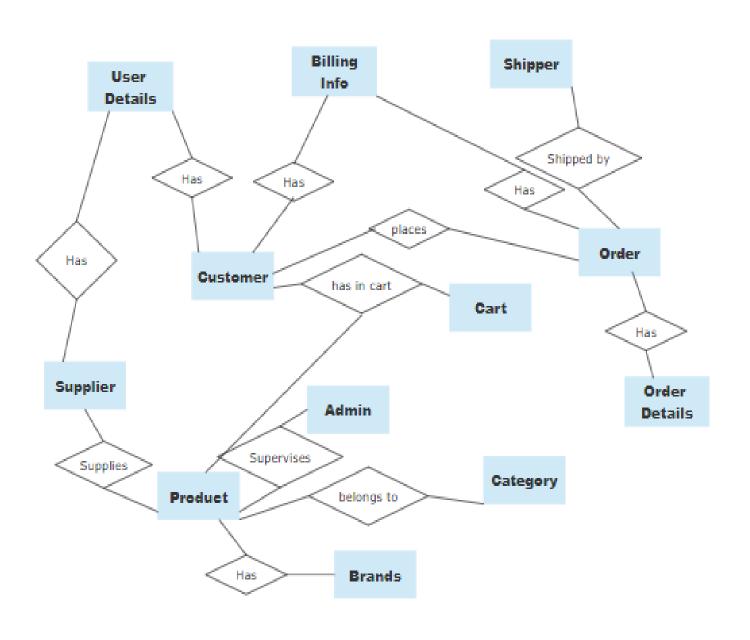
MAIN MODULES IDENTIFIED

- ANALYSIS
- WEBSITE PAGES AND LINKING
- CUSTOMER ACCOUNT
- ADMIN PANEL
- SEARCH AND FILTER
 MECHANISMS
- DATABASE NORMALISATION,
 STORAGE AND RETRIEVAL
- CART AND CHECKOUT SYSTEM
- PAYPAL INTEGRATION

MODULES WITH RISK > 50% (AS ESTIMATED BY RISK ANALYSIS)

- SEARCH AND FILTER MECHANISMS
- CHECKOUT SYSTEM

ER Diagram displaying entities and relationships

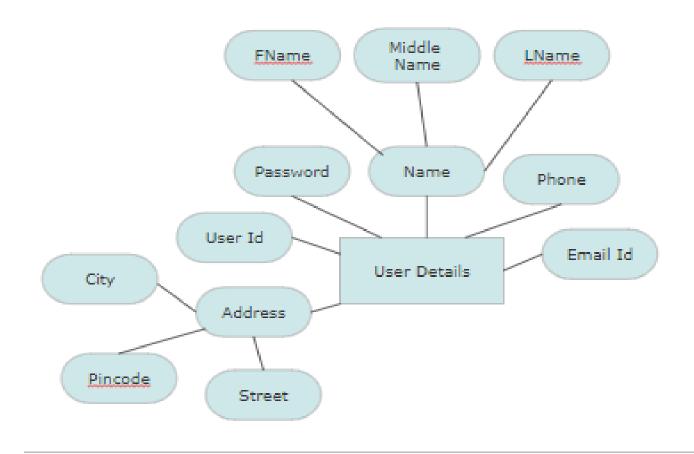


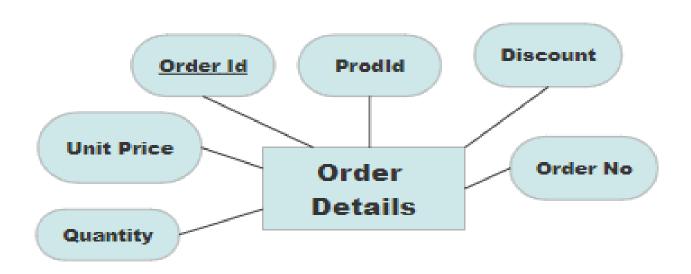
Note: Due to complexity involved in the ER diagram, the ER model has been broken into two parts:

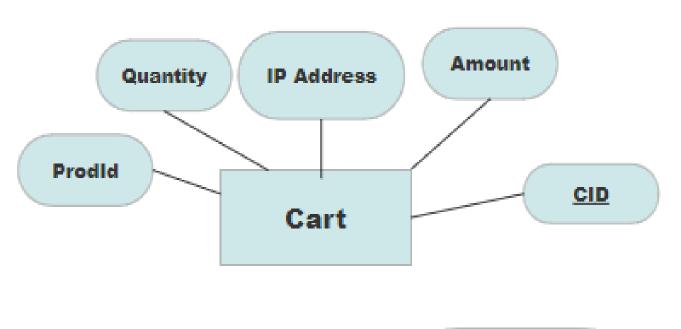
The first part (shown above) displays the Entity sets along with the relationships that they bear with other Entity sets.

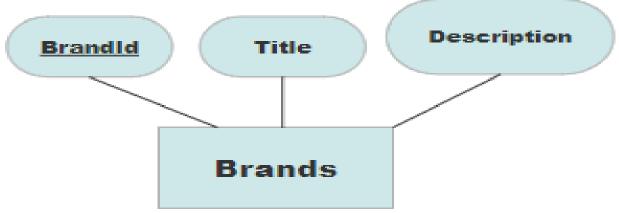
The second part (shown subsequently) shows the individual attributes of the entity sets.

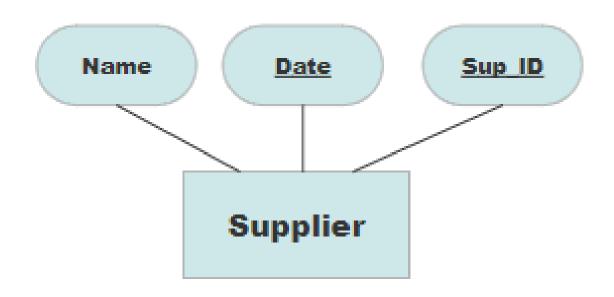
The various Entity sets along with their attributes are as follows:

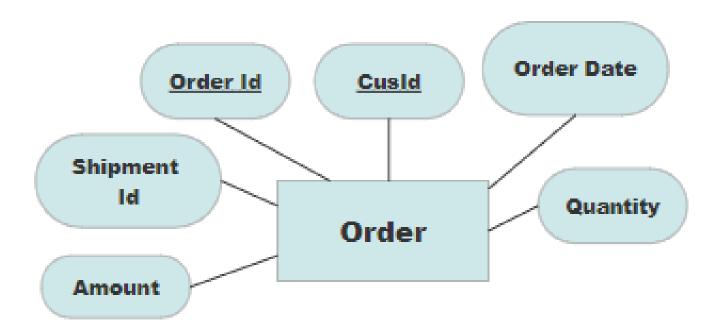


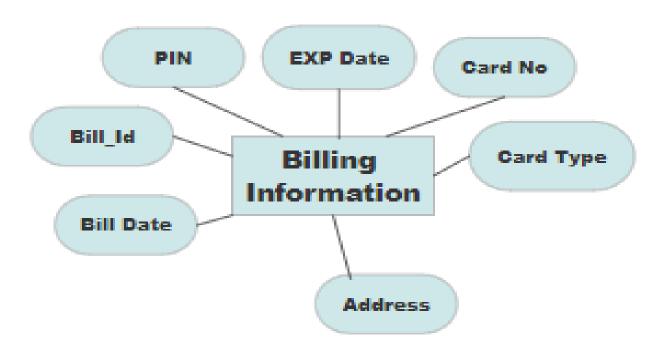


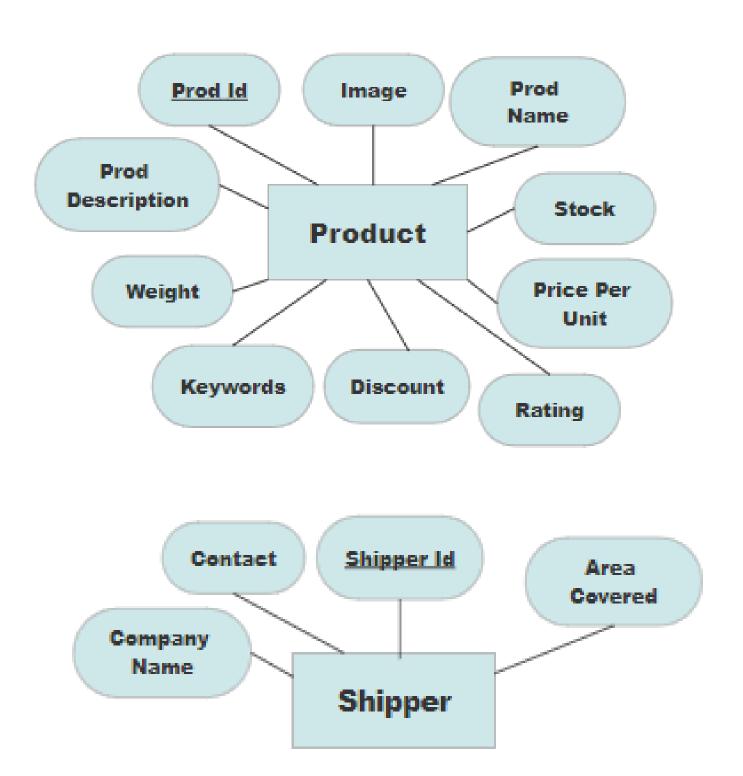


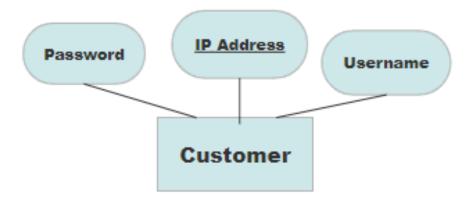


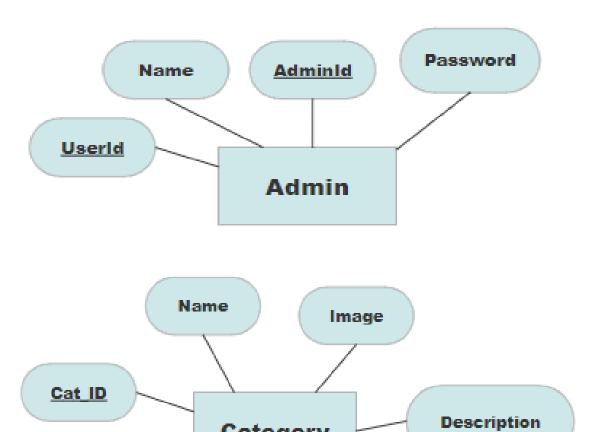




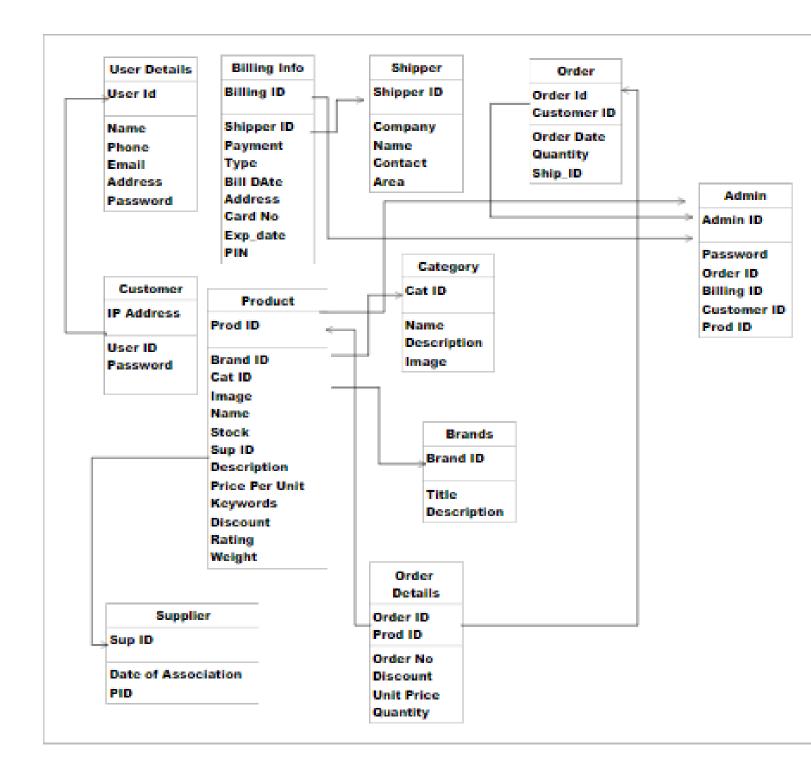








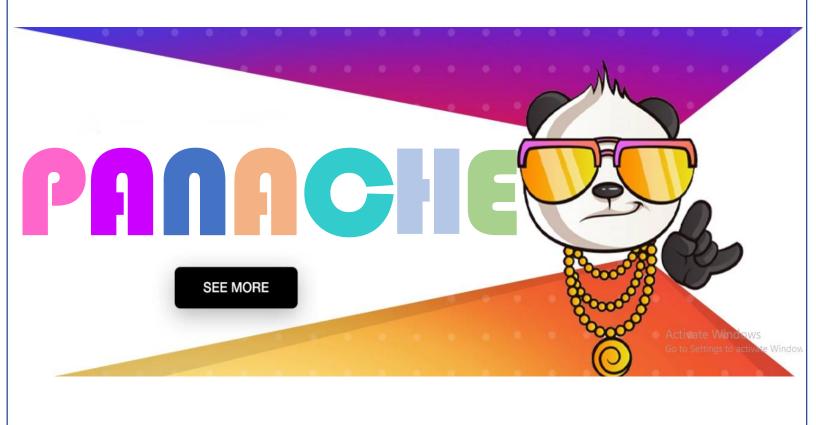
Category



Tables required in the database (obtained after normalization upto 3NF)

Note: This table shows how the foreign keys are linked to the primary keys of other tables thereby joining them together. The primary key holds unique values and is specified in the first column below the table names.

HOME ABOUTUS CONTACTS LOGIN REGISTER



LAYOUT OF THE WELCOME PAGE

The one stop solution for personalised gifts...

LAYOUT OF THE HOME PAGE

HEADER

HOME

BRANDS

CATEGORIES

GIFTS

PERSONALISED ITEMS

ITEM 1 IMAGE

PRICE: \$2

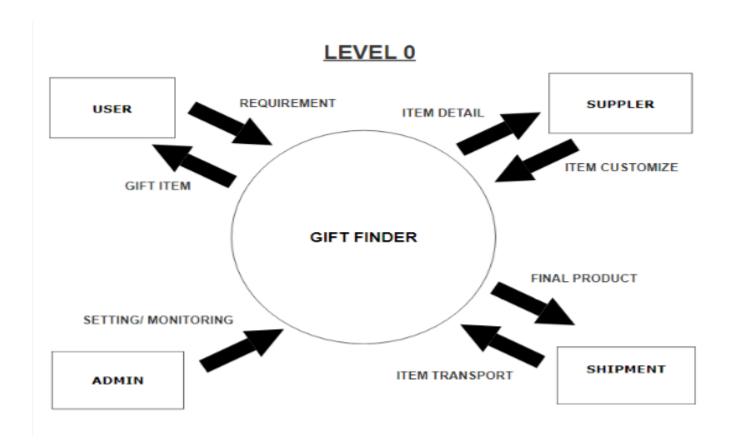
ADD TO CART BUY NOW ITEM 2 IMAGE

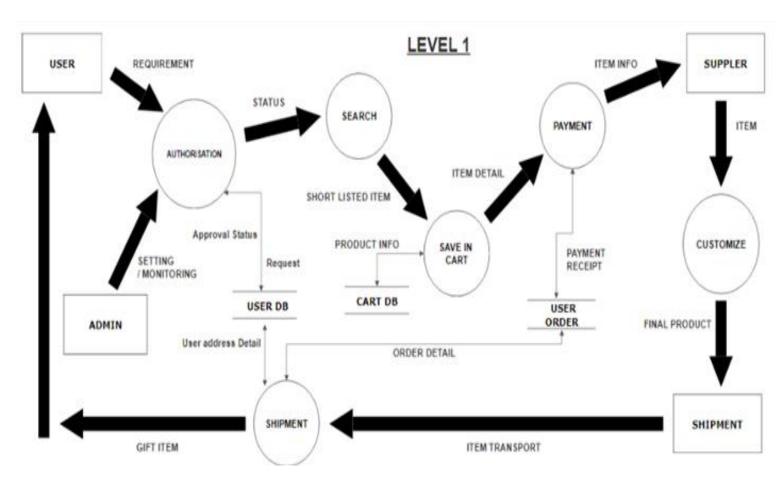
PRICE: \$2

ADD TO CART BUY NOW

FOOTER

Data Flow Diagram (DFD)





PLANNING:

The project has been divided into a number of sub-tasks based on the various components that are expected to function in the website. The tasks have been divided as follows:

TASK NO	DESCRIPTION
1	Analysis
2	Homepage design
3	Login page
4	Customer account
5	Creation of Database
6	Registration
7	Normalisation of database
8	Collection of relevant images
9	Database Integration
10	Retrieval of Database
11	Review and Analysis
12	Customisations
13	Search and Filter Mechanisms
14	Purchase History display
15	Integration
16	Cart/Wish list and checkout
<i>17</i>	PayPal Integration
18	Form Display
19	Quality Improvement
20	Testing

Task 1 has been successfully accomplished and the other modules were designed as an outcome of the analysis phase. The requirements were understood and listed and the different sections have been analyzed. The roles and activities to be performed by the team members have also been listed along with the estimated sequence and time slots of completion.

TIME ESTIMATION USING GANNTT CHART:

Task	Start Date	End DateD	Ouratior	Name	25-Mar	31-Mar	1-Apr	5-Apr	6-Apr	7-Apr	9-Apr	12-Apr	15-Apr	18-Apr	20-Apr
1	25-Mar	31-Mar	6	AII	AII	AII									
2	01-Apr	05-Apr	4	Prerna			Prerna	Prerna							
3	06-Apr	10-Apr	4	Noni					Noni	Noni	Noni				
4	06-Apr	08-Apr	2	Prerna					Prerna	Prerna					
5	07-Apr	09-Apr	2	Satyam						Satyam	Satyam				
6	12-Apr	15-Apr	3	Prerna								Prerna	Prerna		
7	09-Apr	15-Apr	6	Satyam							Satyam	Satyam	Satyam		
8	07-Apr	12-Apr	5	Noni						Noni	Noni	Noni			
9	15-Apr	20-Apr	5	Satyam									Satyam	Satyam	Satyan
10	18-Apr	20-Apr	2	Prerna										Prerna	Prerna

Task	Start Date	End Date	Duration	Contributors	25-Apr	5-May	10-May	15-May	20-May	25-May	31-May
11	20-Apr	25-Apr	5	All	All						
12	25-Apr	05-May	10	Satyam	Satyam	Satyam					
13	25-Apr	10-May	15	Prerna	Prerna	Prerna	Prerna				
14	25-Apr	05-May	10	Noni	Noni	Noni					
15	05-May	10-May	5	All		All	All				
16	10-May	15-May	5	Satyam			Satyam	Satyam			
17	10-May	20-May	10	Prerna			Prerna	Prerna	Prerna		
18	10-May	20-May	10	Noni			Noni	Noni	Noni		
19	20-May	25-May	5	Satyam					Satyam	Satyam	
20	25-May	31-May	6	All						All	All