ABSTRACT

An online shopping site provide a easier way to buy items, in an efficient way. E-boutique is the concept of selling fashionable dresses for women, i.e. a complete hub for women dream.

In this e-boutique, mainly customers and designers are registered. Both of the accounts are verifying and approved by the administrator of the boutique. An unregistered user can't buy items and also unregistered designers can't add their own products here. This boutique provides both company and designer stitched products. The mode of payments are net banking and cash on delivery. Each and every product must deliver to the registered address on time.

Modules:

1.Admin: He/she is the owner of this boutique, who has all the permission to add, edit and delete products. Designer and customer account verification are also done by the admin.

2.Designer: Designers are the one who make the site different. Their new ideas are send to the admin for verification purpose then after approving admin post it for the public.

3.Customer: If a user wants to buy items, then they must be registered to the site. After registering they can view the products and buy it easily.

API USED:

1. Google map API, helps to find out the location of the customer to deliver product.
2. Exchange rate API, used to convert other currencies to Indian rupee.
3. Augmented Reality.

Database Design

TABLE DESIGN

1. Table : Login

Description: To store login details

Primary Key: u_id

FIELD NAME	DATA TYPE	DESCRIPTION
u_id	Varchar(50)	User Id, ,Email is used for customers login purpose (Primary key)
u_name	Varchar(50)	User Name
u_pass	Varchar(50)	User Password
U_type	int(5)	User Type,The type of the user,whether admin,customer, designer or distributor
U_online	Int(5)	User is in online or not
U_status	Int(5)	User is active or blocked by the admin

2.Table :Registration

Description: For registration purpose

Primary Key:R_id

Foreign Key:U_id

Field Name	Data Type	Description
R_id	int	Registration ID Auto increment Primary key
U_id	Int	Foreign key to login table
Name	Varchar(100)	Name of the user
E-mail	Varchar(100)	Email is used as the login id for the customers to log in
gender	Varchar(20)	gender
mobile	Int(10)	Mobile number
address	Varchar(150)	Address first line
city	Varchar(100)	City name
state	Varchar(50)	state
district	Varchar(150)	district
Role	Varchar(100)	Role of users

3. Table: Designer

Description: to store designer details

Primary Key:DesignerId

Foreign Key:U_id

Field Name	**Type**	**Description**
DesignerId	Int	Primary key to Designer
U_id	Int	Foreign key to Login
Name	varchar(50)	Name of the designer
Address	varchar(50)	Address of the designer
State	Int	State of the designer
District	Int	District of the designer
Phone	varchar(50)	Phone number of the designer

4. Table: customer

Description: Used to store customer details

Primary key:User_Id

Field Name	**Type**	**Description**
User_Id	int	Primary key to User
U_id	int	foreign key to Login
Name	varchar(50)	Name of the User
Address	varchar(50)	Address of the User
State	int	State of the User
District	int	District of the User
Phone	varchar(50)	Phone Number of the User

5.Table : Product

Description: contains the product details

Field Name	Data Type	Description
P_id	Int	Product id Primary key
p_name	Varchar(500)	Product name
P_type_id	integer	Product type id Foreign key
C_id	Int	Company id Foreign key
P_price	Int	Price of the product
P_cover_image	Varchar(8000)	Image
P_stock	Int	Quantity of items
P_desc	Varchar(1500)	Product description
P_feature	Varchar(500)	Product features
P_size	Varchar(10)	Product size
P_color	Varchar(100)	Product color

6.Table: photo

Description: table contains variety images of a product

Field Name	Data Type	Description
Photo_id	Integer	Photo id Primary key
P_id	Integer	Product id Foreign key to the product table
Photo	Varchar(8000)	Upload photos
Designerid	Int	Foreign key to the table designer

7. Table: Product Type

Description : to store different types of dresses like sarees,kurtis etc

Field Name	Data Type	Description
P_type_id	Int	Product typr id Primary key
P_type_name	Varchar(500)	Product type name
P_type_d	Varchar(1500)	Product type description
isdeleted	bit	Item is delete,not

8. Table: Company

Description : To add deatils of newly added companies

Field Name	Data Type	Description
C_id	Int	Primary key Company id
C_name	Varchar(500)	Company name
C_d	Varchar(1500)	Company details

9.Table : Purchase

Description: order details

Field Name	Data Type	Description
O_id	integer	Order id Primary key
O_date	date	Ordered date
D_date	Date	Delivery expected date
Net_amount	Integer	Total amount
discount	integer	If the purchase amount is greater than 2000 then some discount is given to the customer
G_total	integer	The final amount to be paid by the customer G_total=net_amount-discount

10.Table : purchase_Master

Field Name	Data Type	Description
O_master_id	Integer	Primary key
O_id	Integer	Order id Foreign key to the order table
P_id	integer	Product id
P_name	Varchar(500)	Product name
O_qty	Integer	Product quantity
U_Price	Integer	Price for one product
price	Integer	Price=u_price * o_qty

11.Table :Distributor

Description: to store the details of the person or company who deliver the products.

Field Name	**Type**	**Description**
Dist_Id	int	Primary key to Distributor
U_id	int	foreign key to Login
Name	varchar(50)	Name of the User
Address	varchar(50)	Address of the User
State	int	State of the User
District	int	District of the User
Phone	varchar(50)	Phone Number of the User

12.Designer_Order

Description: This table is used to store the details of the orders given to the designers

Field Name	Type	Description
Designer_Order_Id	Int	Primary key
DesignerId	Int	Primary key to Designer
O_Id	Int	Primary key to Order
IsCompleted	Bit	Order completed or not
dispatched	bit	to verify that the product is dispatched or not

Database : Net_Bank

Description: Dummy payment option.

1. Table : Bank

Field Name	Data Type	Description
B_id	Integer	Bank id Primary key
B_name	Varchar(500)	Name of the bank
Ac_no	Integer	Account number
Ifsc	Varchar(100)	Ifsc code of the bank
Balance	Integer	Balance amount in each account

2.Table:card

Field Name	Data Type	Description
B_id	Integer	Bank id Foreign key to the bank table
Card_no	Integer	Card number
Card_type	Varchar(100)	Type of card using, debit or credit card
Card_expiry	Date	Expiry date of the card

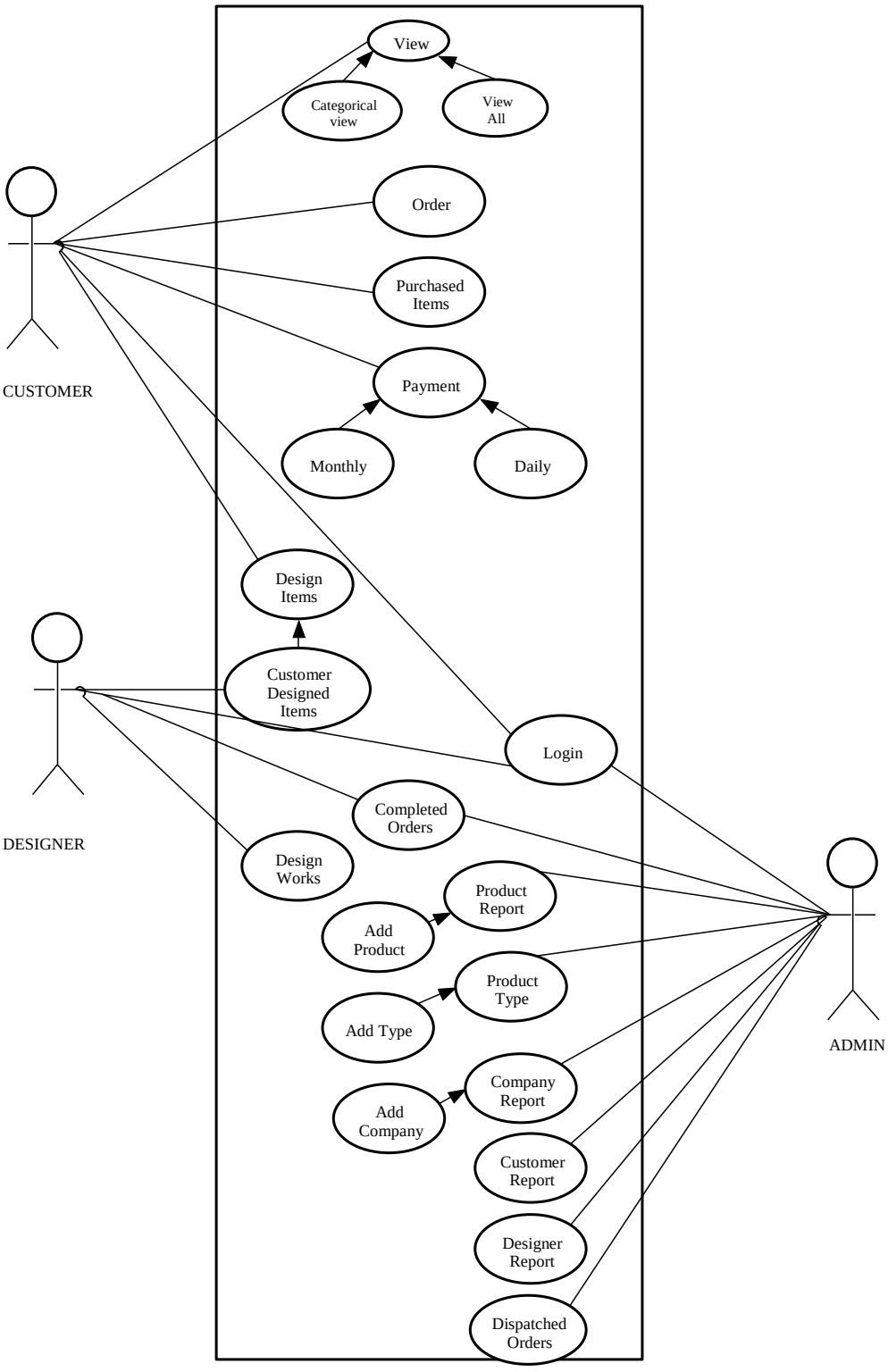
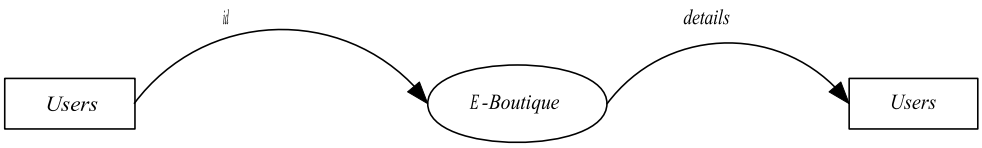


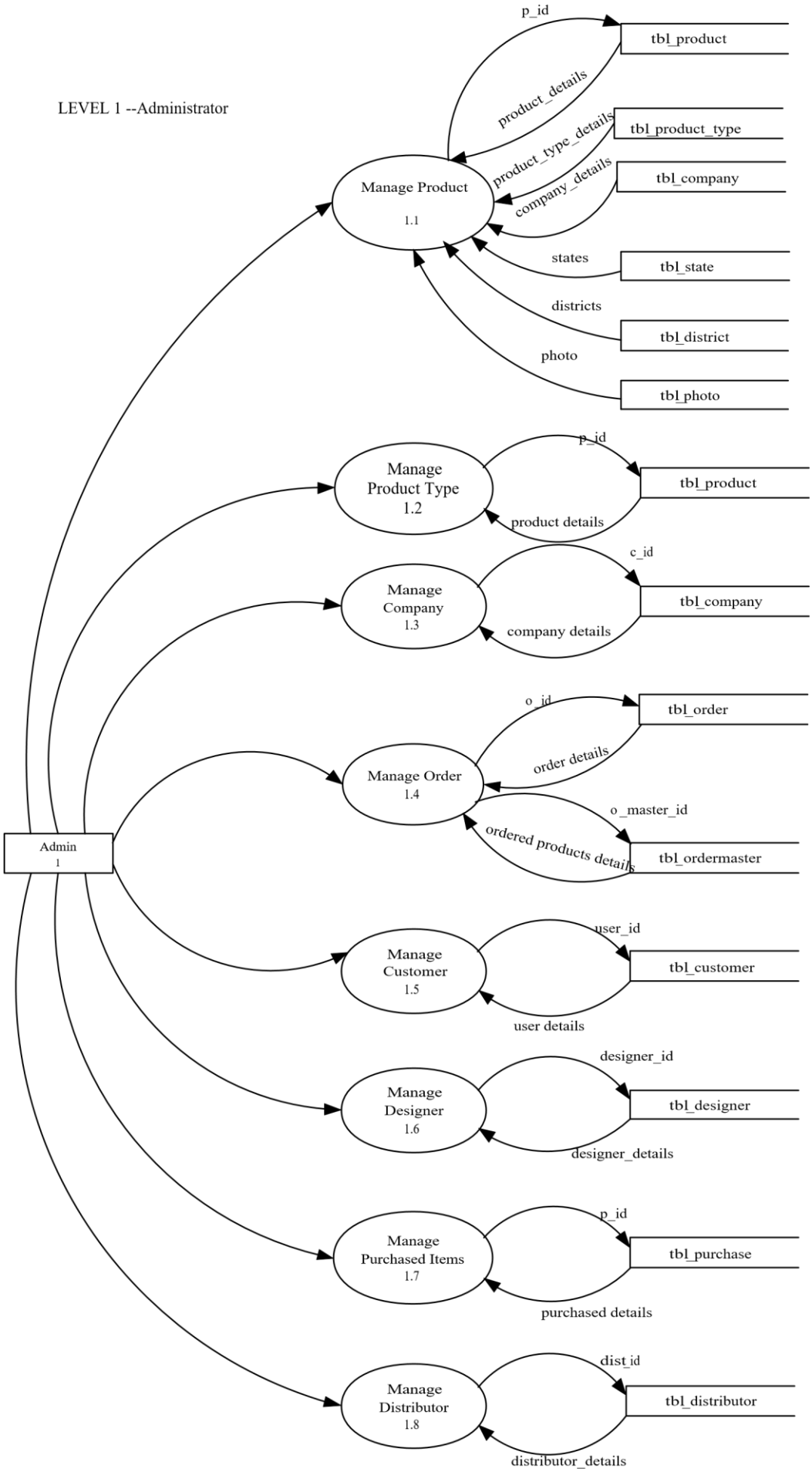
Figure:usecase

Data Flow Diagram

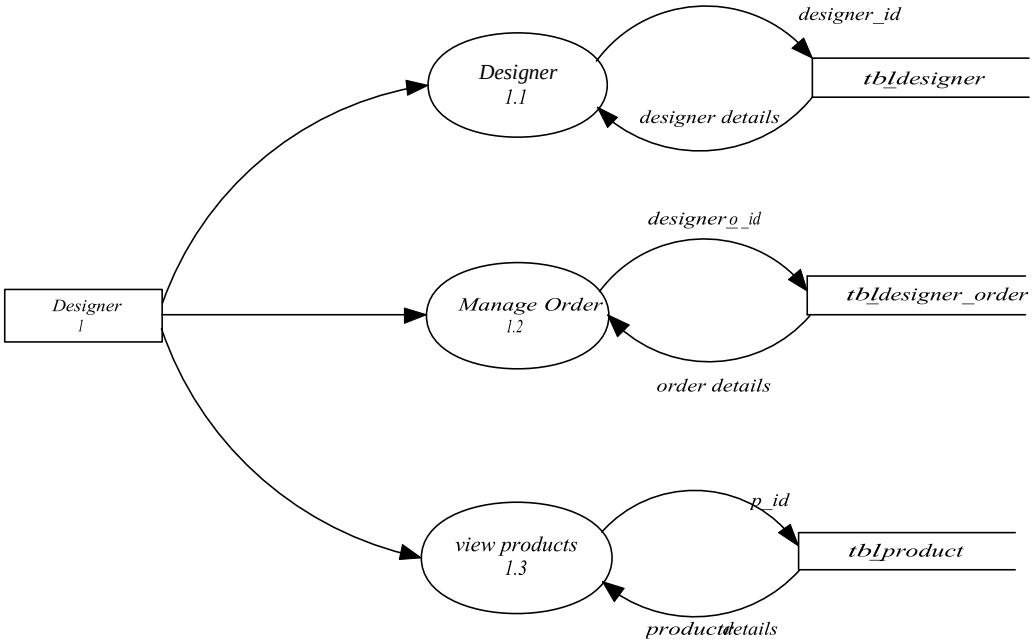
Level0



LEVEL 1 --Administrator



Designer



Level -1

Customer