

e-MART
Business Requirement Document
v 1.2

PREPARED BY
DATE

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1. Introduction

This document is prepared for the students of Vidyanidhi's IT institute DAC course.

1.1. Purpose

The purpose of the functional requirement (or business requirement) document is to define and document a complete and accurate description of the requirements/specifications of the product to be developed for e-MART

1.2. Scope

1.2.1. In-Scope

All requirements specified as "Mandatory" or "Must to have" are in the scope of this project. All such requirements are required in order for the product to be considered complete for this project.

1.2.2. Out of Scope

All requirements specified as "Optional" or "Nice to have" may be considered as out of scope of this project. All such requirements are not required for the product to be considered complete however if feasible, the product shall include these requirements. Future projects may be initiated to deliver optional requirements not included in the scope of this project.

Note: All requirements shall be considered mandatory unless specified otherwise.

2. Summary of Requirements

2.1. General

Except Home page most of the screens will look like as fig-1. This can be considered as a template for all pages (except home page) unless specified explicitly.

	Functionality	Priority
01	Site should be compatible for IE browser v 6.0 (SP2) and above	Mandatory
02	Site should be compatible for Netscape 7.1 and Mozilla Firefox 2.0 and above	Optional
03	Entire site should be database driven	Mandatory
04	Multilingual Site	Nice to have
05	About e_MART page	Low
06	Partner	Low
07	Career	Low
08	Contact Us	Low
09	Site map	Nice to have
10	Navigation to "Item list" page from "Category" page by on-click of	Nice to have

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	image instead of link "More..."	
11	Link & functionality to apply for e-MART card	Low
12	Mouse-over menu for Top-menu bar (and wherever applicable)	Nice to have
13	"Back" option of browser to be blocked (provide back button on each page)	Optional
14	Print Invoice	Mandatory
15	Invoice generation in .PDF format	Low
16	Left link panel	Optional

Most of the pages will look like as Fig. -1 and Fig. -2. This can be treated as a template. User should able to navigate thru top menu bar and / or left link panel.

From Top menu bar buttons user can browse thru various categories like Appliances, Electronics, Home Furnishing, Electric, Books, Cameras, etc.

Left link panel is optional. However, if done, the links on left link panel should be collapsible links (wherever applicable) to show the sub categories. (For ex. Electronics may have sub categories as TVs, Home Theatre, Music systems, etc. and Camera can have subcategories like Handycam, Diccam, SLRs, DSLRs etc.). The left links may also be done thru mouse-over menus instead of collapsible list.

Top menu buttons will take user to category page from where user can further go into sub category page. Each category page should have a multiple selection choices. Using this user should able to filter the products based on brand and/or price. User should able to add any product in cart from Item List page.

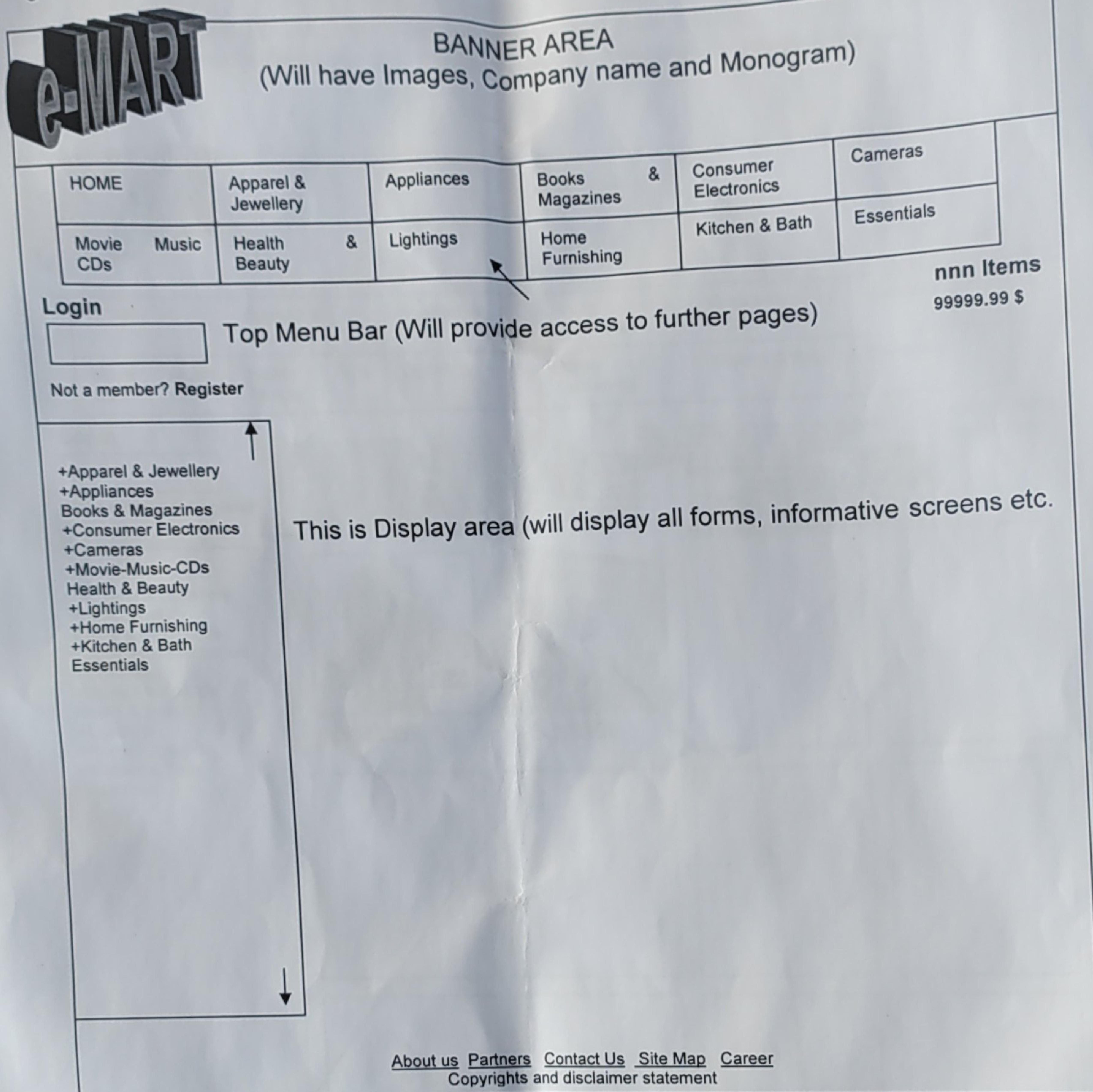
Any person shall able to view (& navigate) the entire pages however; one has to be a register member of site to purchase. Some of these members may also a e-MART card (royalty card) holder.

Each item will have two price tags. One price is applied to a normal member and the other is applicable for e-MART cardholder. All cardholder will be given e-points equal to 10% of the purchase amount and those points will be credited on their card. Each card holder is a default member of e-MART web site.

Apart from 2 price tags, some items can be purchased against redemption of e-points (either total or partial). (For ex. An item-A may be purchased by cardholder at the price applicable (say \$120) or the same item may have a offer for cardholder to buy it at \$80 + 60e-Points. Similarly, Item-B may be available at price (say \$50) or redemption of 75 e-Points.

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Fig-1.



3. Home Page

The home page will have various promotion skims and discount skims displayed. It will also project various categories and new arrivals. It could also have advertisements from partners, sponsors. A member or cardholder can also login here.

HOME	Apparel & Jewellery	Appliances	Books & Magazines	Consumer Electronics	Cameras
Movie CDs	Music	Health Beauty &	Lightings	Home Furnishing	Kitchen & Bath
					Essentials

Login

Not a member? Register

+Apparel & Jewellery
 +Appliances
 Books & Magazines
 +Consumer Electronics
 +Cameras
 +Movie-Music-CDs
 Health & Beauty
 +Lightings
 +Home Furnishing
 +Kitchen & Bath
 Essentials

nnn Items 99999.99 \$

\$5 OFF 1-Gallon and \$20 OFF 5-Gallon Pails of BEHR® Interior Paint
 "Highest in Customer Satisfaction with Interior Paints"
 BEHR® Interior Paints

10% OFF Appliances
 \$399 or more
 SHOP NOW

Buy1 Get1 Free

Buy1 Get1 Free

10% off Camera

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All these icons will take user to the particular category. Advertise banner

4. Category Page

On this page all sub categories or products of that categories will be displayed. Both the price tags (wherever applicable), e-Point redemption scheme will be displayed (if any) for each item. By clicking "Add to cart" link, user will buy that item/ On each of these screens there will be check-out link by which user will indicate the completion of shopping. This link will take user to invoice display page.



HOME	Apparel & Jewellery	Appliances	Books Magazines &	Consumer Electronics	Cameras
Movie CDs	Music	Health Beauty &	Lightings	Home Furnishing	Kitchen & Bath
					Essentials

<Category Name> Select: Brand:  Price:

nnn Items
99999.99 \$
[Check-Out](#)

- +Apparel & Jewellery
- +Appliances
- Books & Magazines
- +Consumer Electronics
- +Cameras
- +Movie-Music-CDs
- Health & Beauty
- +Lightings
- +Home Furnishing
- +Kitchen & Bath
- Essentials

Product Display
[More...](#)

Product Display
[More...](#)

Product Display
[More...](#)

Product Display
[More...](#)

From this page user can add item(s) to cart or he/she may wants to brows the similar items. If so, it can be achieved thru the link "More..." This will take user to Item list page where similar items can be found. For any item user can opt

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e-MART card (eMCard) e-Point redemption scheme. In that case the billing should be done accordingly and his/her e-Points should be debited. The same should be shown on bill.

For all e-MART card holder respective price should apply. Total saving should be shown to card holder on bill. Also, total e-Point credit / debit should appear on bill.

The total No of items and total bill amount should be updated and shown on the screen after every item added / removed

User may filter product on brand and/ or price range. The same can be done by selecting brand from dropdown list and / or price range from drop down list. After clicking "Go", It will take to Item list page. However all products of that category matching the selection criteria should be displayed. If there is no product matching selection criteria, then relevant message should be displayed.

4.1. Item List page

If user wants to view more choices for a particular item then he would click on "More..." link for that item on category page. Having done so, this page will be displayed with multiple choices for a desire item. For ex. If customer click on "More..." of digicam category on category page then this page will display all digicams available. Further customer may filter for a particular brand and/or price range. In such case relevant items will be shown. (For ex. Customer chose for Sony brand then only Sony digicam will be displayed)

The screenshot shows the e-MART Item List page. At the top left is the e-MART logo. Below it is a navigation menu with categories: HOME, Apparel & Jewellery, Appliances, Books & Magazines, Consumer Electronics, Cameras, Movie CDs, Music, Health Beauty, & Lightings, Home Furnishing, Kitchen & Bath, and Essentials. Below the menu is a search bar with fields for Category Name, Select: Brand, Price, and a GO button. To the right of the search bar are buttons for 'nnn Items' (99999.99 \$) and a Check-Out link. The main content area displays a grid of products. Each product card includes a title, price, payment options (eMcard), and an 'Add to Cart' button. A sidebar on the left lists categories with '+' signs: Apparel & Jewellery, Appliances, Books & Magazines, Consumer Electronics, Cameras, Movie-Music-CDs, Health & Beauty, Lightings, Home Furnishing, Kitchen & Bath, and Essentials. Arrows on the sidebar indicate scrollable content.

Category	Sub-Categories
HOME	Apparel & Jewellery, Appliances, Books & Magazines, Consumer Electronics, Cameras, Movie CDs, Music, Health Beauty, & Lightings, Home Furnishing, Kitchen & Bath, Essentials
Movie CDs	Music
Health Beauty	& Lightings
Home Furnishing	
Kitchen & Bath	
Essentials	

Category Name Select: Brand: Price: GO

nnn Items
99999.99 \$
Check-Out

Product -1 \$169 eMcard: \$160 <u>Add to Cart</u>	Product - 2 \$27 eMcard 40 e-Pnt <input type="checkbox"/> <u>Add to Cart</u>	Product - 3 \$120 eMcard \$80+50e-Pnt <input type="checkbox"/> <u>Add to Cart</u>	Product - 4 \$120 eMcard \$80+50e-Pnt <input type="checkbox"/> <u>Add to Cart</u>
Product -11 \$169 eMcard: \$160 <u>Add to Cart</u>	Product - 12 \$27 eMcard 40 e-Pnt <input type="checkbox"/> <u>Add to Cart</u>	Product -13 \$120 eMcard \$80+50e-Pnt <input type="checkbox"/> <u>Add to Cart</u>	Product - 14 \$120 eMcard \$80+50e-Pnt <input type="checkbox"/> <u>Add to Cart</u>
Product -21 \$169 eMcard: \$160 <u>Add to Cart</u>	Product -22 \$27 eMcard 40 e-Pnt <input type="checkbox"/> <u>Add to Cart</u>	Product -23 \$120 eMcard \$80+50e-Pnt <input type="checkbox"/> <u>Add to Cart</u>	Product -24 \$120 eMcard \$80+50e-Pnt <input type="checkbox"/> <u>Add to Cart</u>
Product -25 \$169 eMcard: \$160 <u>Add to Cart</u>	Product -26 \$27 eMcard 40 e-Pnt <input type="checkbox"/> <u>Add to Cart</u>	Product -27 \$120 eMcard \$80+50e-Pnt <input type="checkbox"/> <u>Add to Cart</u>	Product -28 \$120 eMcard \$80+50e-Pnt <input type="checkbox"/> <u>Add to Cart</u>

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4.2. Check-Out

Finally on "Check-out" customer will be asked about delivery option (Thru courier or Pick-up from store). If customer selects "Pick-up" option then the page will provide store search and allow customer to select the store. Having done this the Invoice page will be displayed.

4.2.1. Select Store

This will accept City, State and/or ZIP code as a search criteria. Based on this criteria all stores matching selection criteria would be displayed with radio buttons. Customer would select one store or may change the delivery option and would proceed for invoice page. (This is optional / Low priority)

4.3. Invoice Page

This page will be displayed once customer checks-out. The complete invoice will be displayed on this page. This page will have facility to remove items from cart. Also it will have a facility to change a quantity. By default the quantity is assumed as 1 while adding it to cart. Also page will have a facility to update ship-to address. Customer name, bill-to address are pre-filled fields. The page will have "Modify" "Cancel", "Pay" buttons. The cancel button will empty the cart and will take user to home page. "pay" will take to the credit card verification page. On successful payment, relevant message should be displayed and invoice should be sent to customer preferably in .PDF format.

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INVOICE PAGE



BANNER AREA
(Will have Images, Company name and Monogram)

	HOME	Apparel & Jewellery	Appliances	Books & Magazines	Consumer Electronics	Cameras	
Movie CDs	Music	Health & Beauty	Lightings	Home Furnishing	Kitchen & Bath	Essentials	

Name : XXXXXXXXXXXXXXXXXXXXXXXXX
Bill to : XXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Ship To: Name & Address

By default Bill-to & ship-to are same. However this should be editable

Item Cd.	Item Desc.	Qty	List price	eMcard price	Amount	Remove?
X12345	XXXXXXXXXXXXXXXXXXXXXX	9999	999999.99	9999999.99	99999999.99	<input type="checkbox"/>
X12345	XXXXXXXXXXXXXXXXXXXXXX	9999	999999.99	9999999.99	99999999.99	<input type="checkbox"/>
X12345	XXXXXXXXXXXXXXXXXXXXXX	9999	999999.99	9999999.99	99999999.99	<input type="checkbox"/>
X12345	XXXXXXXXXXXXXXXXXXXXXX	9999	999999.99	9999999.99	99999999.99	<input type="checkbox"/>
X12345	XXXXXXXXXXXXXXXXXXXXXX	9999	999999.99	9999999.99	99999999.99	<input type="checkbox"/>
TOTAL						99999999.99
e-Points earned						9999

Your e-Point A/c:

OP Bal: 9999
Tot Credited: 99
Redeemed today: 999
CL. Bal: 999999

Modify

Cancel

Pay

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5. Registration

This page will be used as a application form for member registration for web site. This form will typically collect the customer information such as Name, address, contact details, e-mail id, birth date, Educational qualification, occupation, annual income, his/her interests, etc. It will also take consent whether or not to send a e-mail on promotions and discounts deal. The page will have "Submit" and "Clear" button. The "clear" button will clear the form and "Submit" will save the data. On "Submit" the membership number will be generated and the same will be informed to customer thru e-mail.

6. E-MART Card Application

This is "Nice to Have" functionality. The page may be developed as an application form to apply for e-Mart card. This would be similar to member registration. However it will also collect some more information such as employment details, Bank a/c details, PAN, etc.

7. General Information

- Team leader need to submit report every week
- All milestone should to be submitted as per schedule
- Any change (if needed) in system will require prior approval
- Assumptions made should be informed and should be approved

8. Point Of Contact

All queries may be sent to Jayant Ponkshe thru mail jayant.Ponkshe@gmail.com or may be discuss in person.

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