Name: Rohit Gupta
Project: Marketplace

Requirements:

Requirement Id	Use-case ID	Use-case Name	Use-case description
UR-01	UC-1.1	View Items	Customer wants to view android mobile phones available for purchase.
UR-02	UC-1.2	View Reviews	Customer wants to read the reviews of the book "Crime and Punishment".
UR-03	UC-1.3	View Order History	Customer wants to view the items he has purchased on the website.
UR-04	UC-1.4	Upgrade Membership	Customer wants to upgrade to prime user from basic user.

Use Cases:

Use Case #1

Use Case ID:	UC-1.1	Created by:	Rohit Gupta
Use Case Name:	View Items	Date Created:	03/01/2017
Description:	Customer wants to view android mobile phones available for purchase.		

Actors:	Customers	
Pre-Condition:	User has opened the website and has the access of the search bar.	
Post-Condition:	User has gone through the results and has selected the phone which suits his requirement and budget.	
Frequency of Use:	Often.	
Flow of Event:	Actor action	System response
	1 Enter "mobile phone" in search bar.	
	2 Click on search button.	Return products matching the search string.
	3 Select "Android" in OS filter options.	Filter the results based on the parameters selected by the user.

	4	Select the "Price: low to high" option in "Sort by" drop-down.	Arrange the results in ascending order of price.
	5	Click on the result tile of an item.	Open the product page of the selected item and display item specific information.
	6	Click on "save product for later".	Add item to the saved items list.
Variants:			
Exceptions:			
Developer notes:			

Use Case #2

Use Case ID:	UC-1.2	Created by:	Rohit Gupta
Use Case Name:	View Reviews	Date Created:	03/01/2017
Description:	Customer wants to read the reviews of the book "Crime and Punishment".		

Actors:		Customers	
Pre-Condition:		User has opened the website and has the access of the search bar.	
Post-Condition:		User has gone through the reviews of the book and decides to buy it.	
Frequency of Use:		Often.	
Flow of Event:		Actor action	System response
	1	Enter "Crime and Punishment" in search bar.	
	2	Select "books" in the "category" drop-down.	
	3	Click on search button.	Return all of the search results for the given book.
	4	Select "English" in language filter.	Return only those editions of the book that are in English.
	5	Click on a result tile of the book.	Open the product page of the book and display information about the book.
	6	Click on "view reviews" hyperlink.	Open the review page for the selected book.

Variants:	
Exceptions:	
Developer notes:	

Use Case #3

Use Case ID:	UC-1.3	Created by:	Rohit Gupta
Use Case Name:	View Order History	Date Created:	03/01/2017
Description:	Customer wants to view the items he has purchased on the website.		

Actors:	Customers		
Pre-Condition:	1: User has logged into the website with his credentials. 2: User is on the home-page of the website.		
Post-Condition :	User has gone through the order history.		
Frequency of Use:	Once a month.		
Flow of Event:		Actor action	System response
	1	Click on the "My Account" link.	Navigate to web-page which has the details about the customer's account like profiles, payment options etc.
	2	Click on the "your orders" link.	Navigate to the "orders" web-page which displays order history of the user including placed orders, canceled orders.
	3	Click on "placed order" hyperlink.	Return the list of orders placed by the user.
	4	Click the hyperlink of an order.	Navigate to order information page detailing information of the selected order.
Variants:			
Exceptions:			
Developer notes:			

Use Case #4

Use Case ID:	UC-1.4	Created by:	Rohit Gupta
Use Case Name:	Upgrade Membership	Date Created:	03/01/2017
Description:	Customer wants to upgrade to prime user from basic user.		

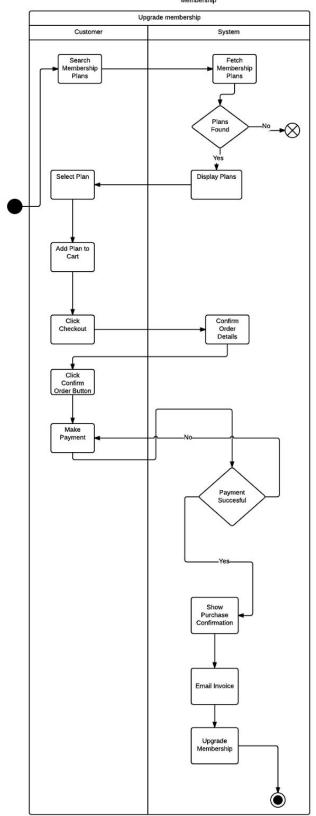| Actors:	Customers		
Pre-Condition:	1: User has logged into the website with his credentials. 2: User has basic membership of the website. 3: User is on the home-page of the website. 4: User has his credit card details saved in the portal.		
Post-Condition:	User has upgraded to prime membership.		
Frequency of Use:	Rarely.		
Flow of Event:		Actor action	System response
	1	Search Membership Plans	Fetch membership plans and their benefits.
	2	Select a plan.	
	2	Add plan to cart.	Add the selected plan to the cart.
	3	Click checkout.	Navigate to the screen which confirms the details of the selected plan.
	4	Click Confirm Order Button	
	5	Make Payment.	Submit the payment details to appropriate payment gateway and determine if the payment was successful or not. If successful, show confirmation, email invoice to the customer and upgrade membership in the backend.
Variants:			
Exceptions:			
Developer notes:			

Activity Diagram:

Requirement Id: UR-04
Use Case Id: UC-1.4
Use Case Name: Upgrade Membership
Created By: Rohit Gupta
Web Link:

https://drive.google.com/file/d/0B6TRtawf1AByeVJwa3lUbFpTUzg/view?usp=sharing

Upgrade membership

Customer	System

Search Membership Plans

Fetch Membership Plans

Plans Found

No ⊗

Yes

Display Plans

Select Plan

Add Plan to Cart

Click Checkout

Confirm Order Details

Click Confirm Order Button

Make Payment

No

Payment Succesful

Yes

Show Purchase Confirmation

Email Invoice

Upgrade Membership

Sequence Diagram:

Requirement Id: UR-04
Use Case Id: UC-1.4
Use Case Name: Upgrade Membership
Created By: Rohit Gupta
Web Link:
https://drive.google.com/open?id=0B6TRtawf1AByVGUtcjA4V1E1SHM