Group Name: Beacon

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Use Case Diagram Scenario :

ECA is a online product comparing system. In a ECA system user can compare products. At first user has to registration in this system. Registered user has to login in this system. ECA system database has to verify the login. User can search product. For searching product they have to select websites and have to write product name. ECA system database has to check product name. User can do a another types of search which is advanced search. User has to select categories and has to write product name. System database has to check the product name again. User can see product details and also seller details and review. User can order product by coupons or online payment through online platform. System database has to check the amount of coupons. User can do unregistration from the system. User can logout from the system.

Class Diagram Scenario:

In our ECA system user can compare product. Every user may select one to many websites. Every website may have zero to many products. Every user may search one to many product. User may make zero to many product. Every order must have a payment. User may do payment by online platform or by coupons.

Sequence Diagram Scenario:

In our ECA system users input their login information for login. System database verifies the user information. After successful verification user select website. In case of unsuccessful verification user request is denied. The request is carried out by the system. User do search request to the system. System will check the request. After a successful search user can see product details and seller details and review. User can order the product with two different ways. They can do order with online payment or with coupons. System takes the user according their choice. In case of unsuccessful search the user request is also denied.

State Diagram Scenario:

In our ECA system user has to initially login in the system. ECA system received the login information. If the system approved user can select websites other wise the request will return. If the websites are selected user can search the product. On the other hand system will return the request. If the search product found user will be able to show the result with compare. On the other hand if the product not found user will able to do advanced search. If the system found the product system will show result with compare. Then user can order product. After the order request they have to payment.

E Comapre App

Compare

Registration

Log In «include» Verify

Product Name

Select Websiites

«include» Search «include» Check Product Name

Advanced Search «include» Catagories

«include» Product Name

«include» Check Product Name

See Product Details

See Seller Details& Review

Check Amount of coupons

«include» By Coupons

order

By Online payment

Unregistration

Log Out

User

Registered User

«actor» ECA System Database

«actor» Online Platforms

Sequence diagram showing interactions between :User, :ECA System, :Database, and :PaymentApp

1.Input Login Information()

2.Verify()

Alt

[Successfull]

3.verified()

4.return done()

5.select websites()

6.carry out()

7.return done()

8.return done()

9.Search()

10.check()

Alt

[Successfull]

11.checked()

12.return done()

13.show product details()

14.get product details()

15.return done()

16.return done()

17.show seller review()

18.get seller review()

19.return done()

20.return done()

Alt

[order with Online payment]

21.Online Payment()

22.payment request()

23.return done()

24.return done()

[order with coupons

25.use coupons()

26.get coupons()

27.return done()

28.return done()

[unsuccessfull]

11.return not matched()

12.not found()

[unccessfull]

3.return no()

4.Not verified()