

CRC& ClassDiagram Group F

Front

Class Name: User	ID: 1	Type: Concrete , Domain
Description: An individual who has an account in our site		Associated Use Case: Signup, Login, Retrieve Password, Logout
Responsibilities: <ul style="list-style-type: none">+ Create Account+ Log in+ Log out+ Retrieve Password+ User Verification+ Check Reset code+ Set New Password		Collaboration: <ul style="list-style-type: none">• Basket• sales

Back:

Attributes: <ul style="list-style-type: none">— ID(number)— FirstName(string)— LastName(string)— phoneNumber(number)— emailAddress(string)— Birthday(date)— Address(text)— Password(string)
Relationships: Generalizations: Aggregation (has part of) Other Associated: Signup, Login ,Retrieve Password , Logout

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Class Name: Product	ID: 2	Type: Concrete , Domain
Description: information about Product	Associated Use Case: observe Orders Detail Product observation With filter suggestion system	
Responsibilities: + Get Products	Collaboration: o Suggestion o Gift	

Back:

Attributes:

- ID(number)
- Category(string)
- Name(string)
- Descriptions(text)
- Company(string)
- Model(string)
- Price(number)
- Due date(date)
- Count(number)

Relationships:

Generalizations:

Aggregation (has part of)

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Class Name: sale	ID: 3	Type: Concrete , Domain
Description: information about product that Bought by users	Associated Use Case: Submit Basket Packing Orders and Set Status observe Orders Detail	
Responsibilities: <ul style="list-style-type: none">+ add Gift+ Set status+ Set Worker Id+ Submit+ Get sales+ Get sale+ Get User Sales		Collaboration: <ul style="list-style-type: none">○ Basket○ user

Back:

Attributes:

- Sale ID(number)
- User ID(number)
- Sale Date(date)
- Sale Time(time)
- Gifts id(number)
- Sum price(number)
- Address(text)
- Postal Number(number)
- Status(string)
- Tracking Code(number)
- Worker Id(number)

Relationships:

Generalizations:

Aggregation (has part of)

Other Associated

- Basket

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Class Name: suggestion	ID: 4	Type: Concrete , Domain
Description: information that system need to suggest gift		Associated Use Case: suggestion system
Responsibilities: <ul style="list-style-type: none">+ Add Property+ Remove Property+ Save Data		Collaboration: <ul style="list-style-type: none">○ Product○ Property

Back:

Attributes:

- Suggestion Form ID(number)
- User ID(number)
- Use Date(date)
- Receiver Property id(number)

Relationships:

Generalizations:

Aggregation (has part of)

Other Associated:

- Product
- Property

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Class Name: Property	ID: 5	Type: Concrete , Domain
Description: property that use in suggestion system		Associated Use Case: suggestion system
Responsibilities: + Get property + Create new property		Collaboration: ○ suggestion

Back:

Attributes: — ID(number) — Name(string) — Value(string)
Relationships: Generalizations: Aggregation (has part of) Other Associated ○ suggestion

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Class Name: gift	ID: 6	Type: Concrete , Domain
Description: that user selected it after using suggesting system an buy it with Additional items		Associated Use Case: Delete product(Gift) Count From basket Edit product(Gift) Count In basket add product(Gift) to basket
Responsibilities: <ul style="list-style-type: none">+ Set Gift+ Gift Delete+ Change Count		Collaboration: <ul style="list-style-type: none">o Basketo Saleso Product

Back:

Attributes:

- ID(number)
- Product id(number)
- Count (number)
- Gift wrap (string)
- Add-Ons (String)
- Postal Card Text (text)

Relationships:

Generalizations:

Aggregation (has part of)

Other Associated

- o Basket
- o Sales
- o Product

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Class Name: Basket	ID: 7	Type: Concrete , Domain
Description: Gift list That Users add into it		Associated Use Case: Delete product(Gift) Count From basket Edit product(Gift) Count In basket add product(Gift) to basket Submit Basket
Responsibilities: <ul style="list-style-type: none">+ Get Basket+ Add To basket+ Remove From Basket+ Submit		Collaboration: <ul style="list-style-type: none">o Gifto Saleso users

Back:

Attributes:

- ID(number)
- User ID(number)
- Gifts id(number)

Relationships:

Generalizations:

Aggregation (has part of)

Other Associated

- o Gift
- o sales