

System Design

11.19.2021

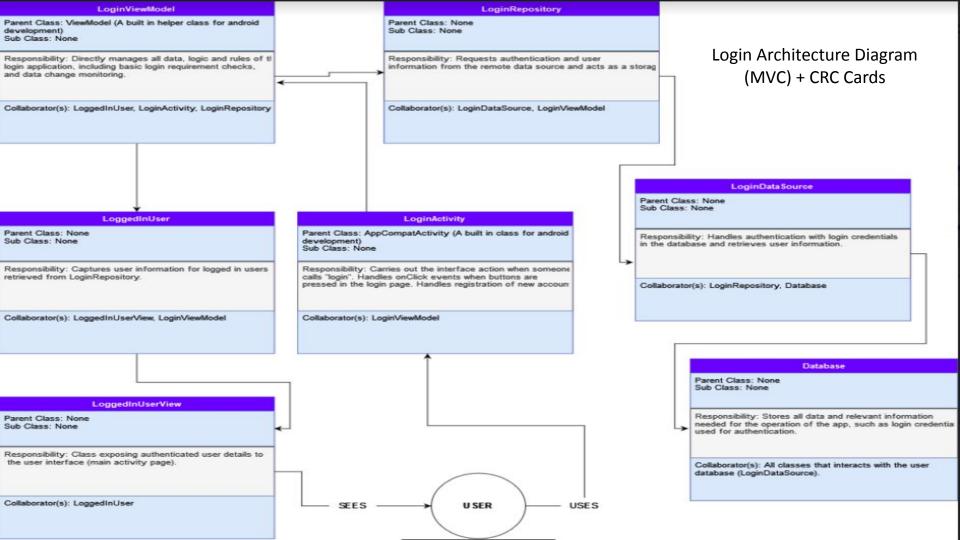
Updated for Sprint 4

Dream Team

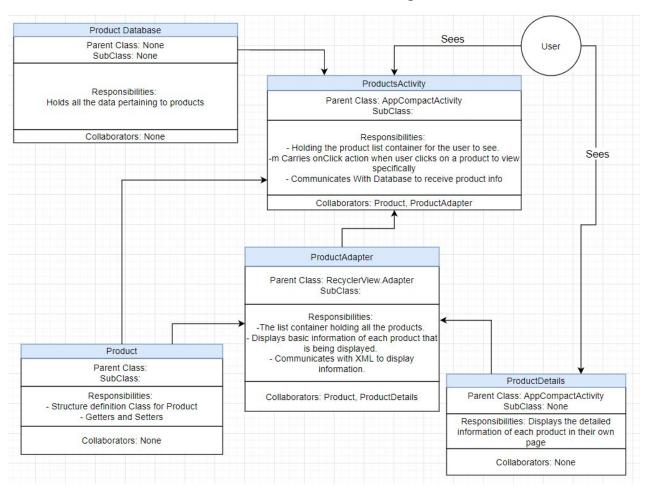
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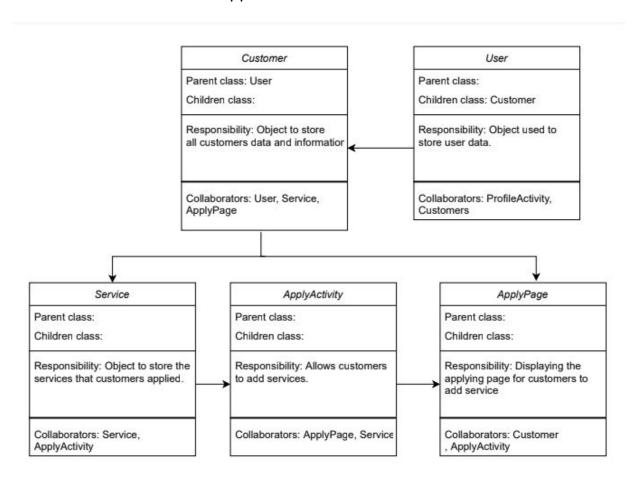
 Note: MVC design for CRC cards & Architecture Diagrams



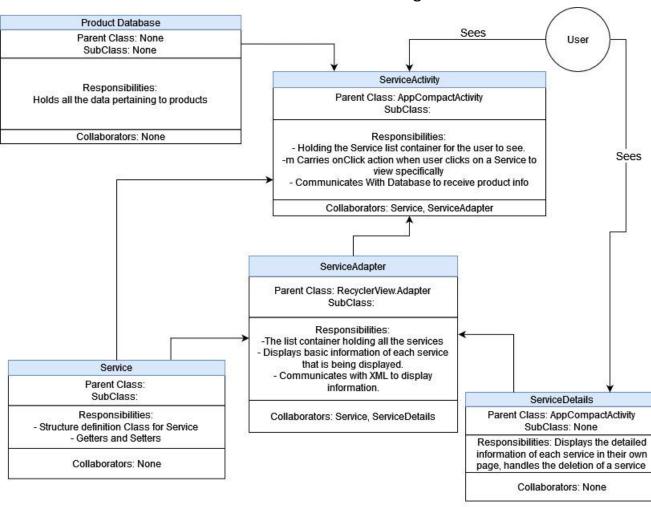
Dream 4: Product Class Diagram



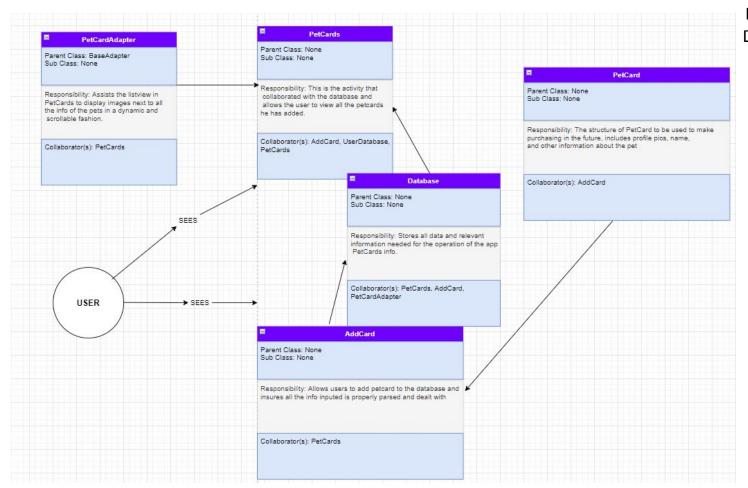
Service Application Architecture DREAM 6



Dream 7: Service Class Diagram

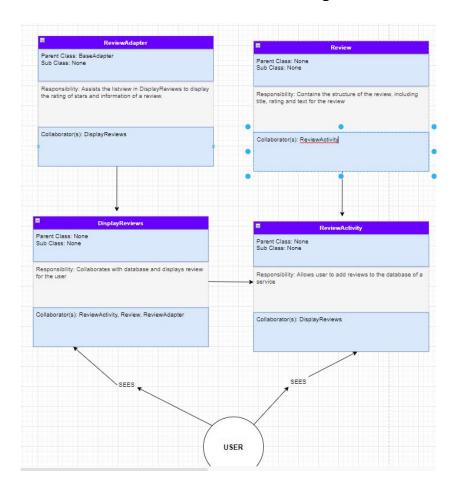


DREAM 9

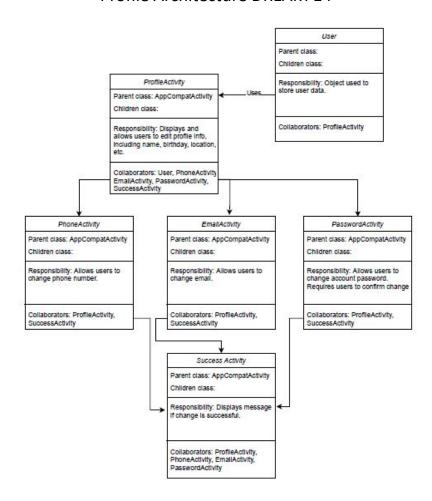


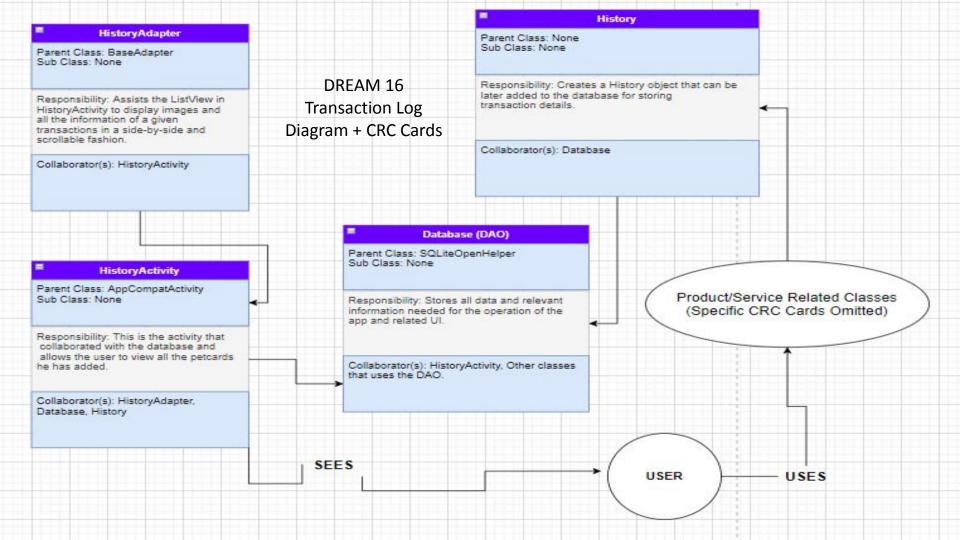
PetCard Architecture
Diagram (MVC) + CRC
Cards

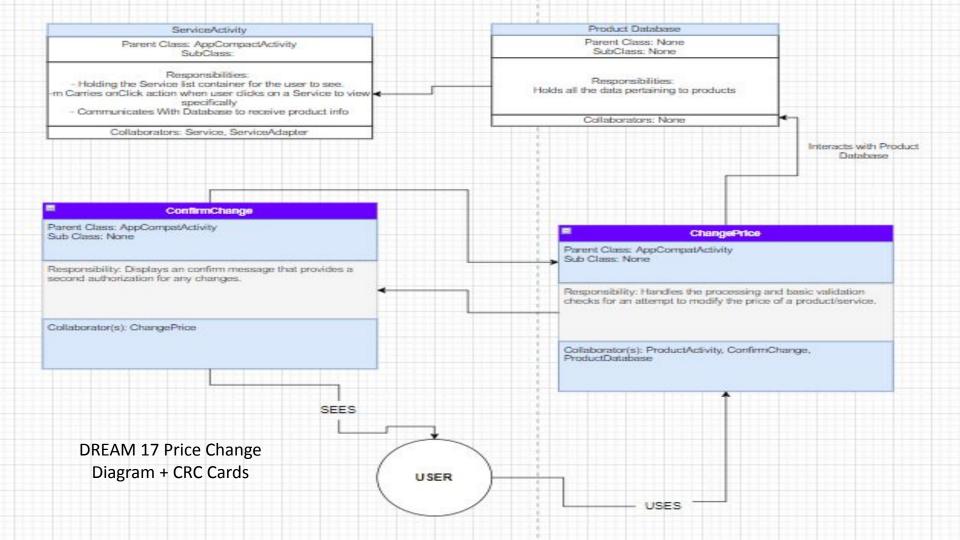
Dream 10: Review Class Diagram

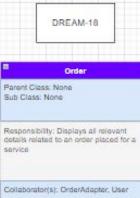


Profile Architecture DREAM 14









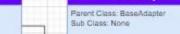
User

Responsibility: Displays all relevant details related to the application's user

Parent Class: None

Collaborator(s): Order

Sub Class: None



Responsibility: Assists the ListView in ContactActivity to display details of recenorders in a top-down format.

Collaborator(s): ContactActivity

ContactActivity

Responsibility: This is the activity that

displays the contact information of the

Collaborator(s): ContactAdapter

Parent Class: AppCompatActivity

Sub Class: None

user placing an order.

OrderActivity

Parent Class: AppCompatActivity

Responsibility: This is the activity that

displays the contact information of the

Collaborator(s): ContactAdapter

Sub Class: None

user placing an order.

OrderAdapter









Sub Class: None

details related to a service.

Responsibility: Displays all relevant

Collaborator(s): Database, ServiceActivity

=

Parent Class: FragmentActivity,

OnMapReadyCallback

Sub Class: None

OrderAdapter

Responsibility: Displays the location of a service using Google Maps

Collaborator(s): ServiceDetails

DREAM-21	
□ ProfileActivity	
Parent Class: AppCompatActivity	
Parent Class: AppCompatActivity	PetCarde

Responsibility: Processes and displays the pet cards

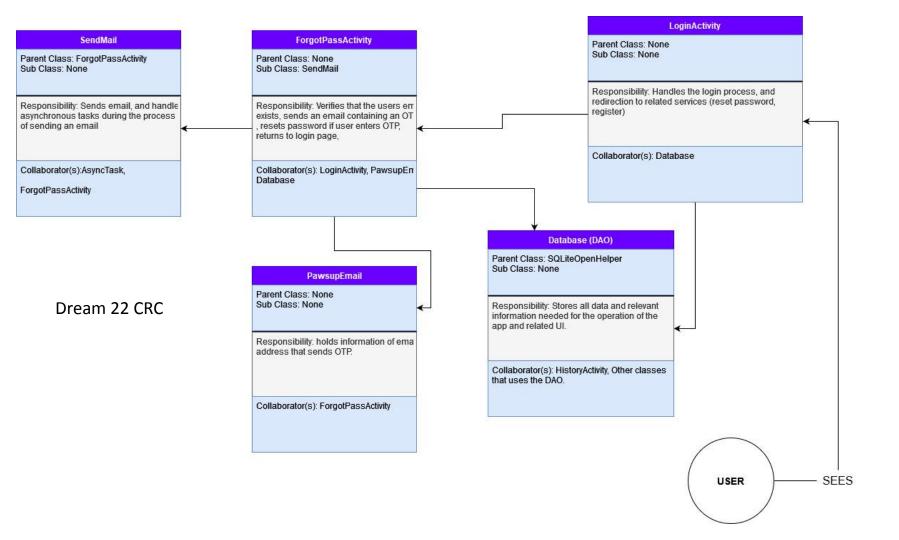
created by the user.

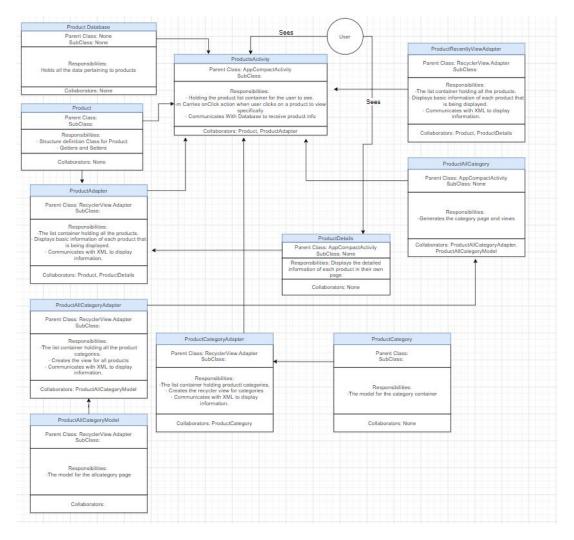
Collaborator(s): Database

Responsibility: Displays basic information regarding the user, including name,

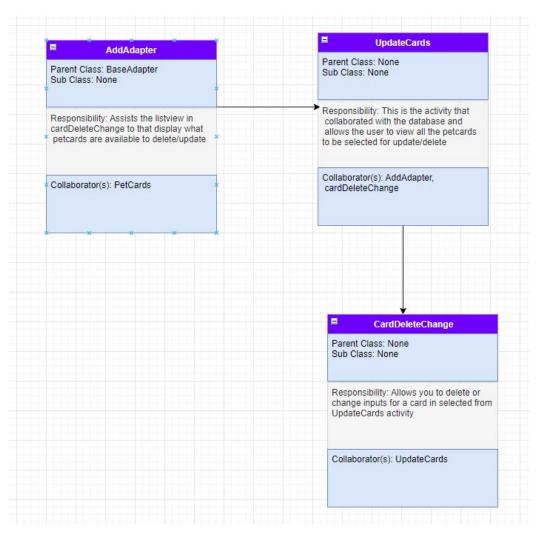
number of pets, etc.

Collaborator(s): PetCards



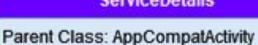


Dream 74 CRC



Dream 82 CRC





Sub Class: None

Responsibility: Displays all relevant

details related to a service.

Collaborator(s): Database, ServiceActivit

Sub Class: SendMail

Parent Class: None

through email

Responsibility: Handles UI routing, and sends message to service provider

SendMessageActivity

Collaborator(s): ServiceDetails, Databas