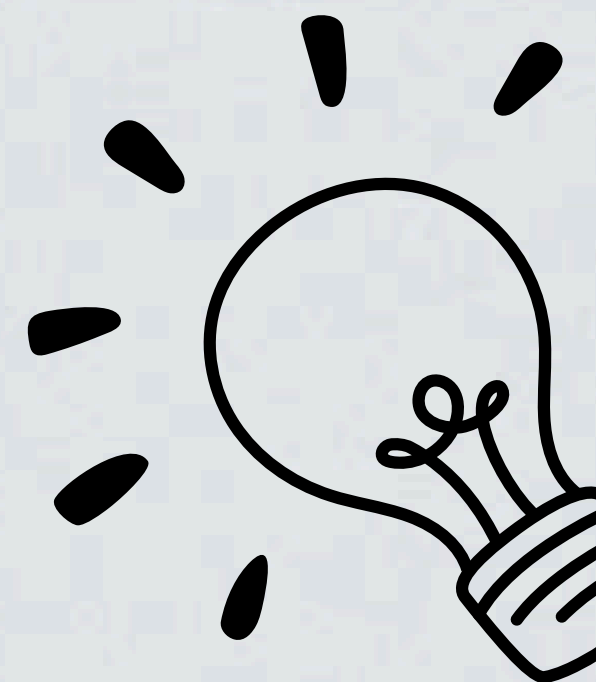


DEALYTICS

Presented By Group A2-1



MEET THE GROUP



2005031 - Soumik Bhattacharjee

2005033 - Somik Dasgupta

2005041 - Imtiaz Kabir

2005046 - Tusher Bhomik

2005047 - Akanta Das

2005058 - Shabab Mosharraf



MODULES

**PRODUCT AND
SERVICE
AGGREGATION
MODULE**

**DEAL ANALYTICS
FOR BUYER MODULE**

**DEAL ANALYTICS
FOR SELLER MODULE**

**NOTIFICATION AND
COMMUNICATION
MODULE**

**SUBSCRIPTION
MODULE**

REVIEW MODULE

**NEGOTIATION
MODULE**

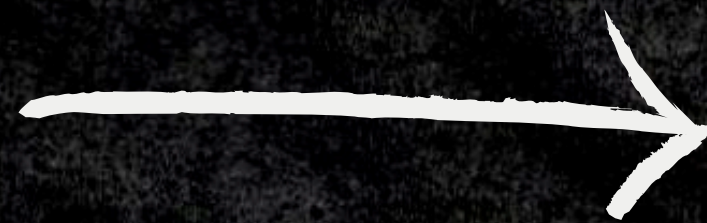
PRODUCT AND SERVICE AGGREGATION MODULE

Motivation: This module creates a bridge between sellers marketing and buyers involvement

Actors
Seller
Dealytics System

Trigger Event

- a Seller adds or updates a product
- Observer API traces any update

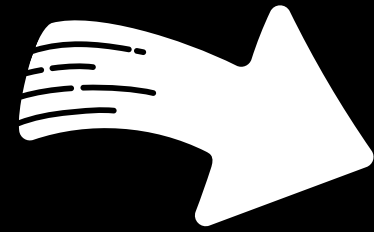


End Events

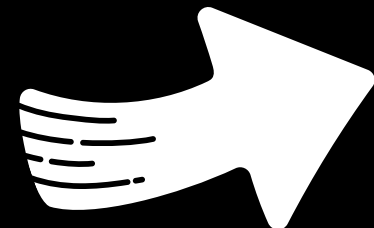
Activating the Notification Module

Simple Flow *Product and Service Aggregation Module*

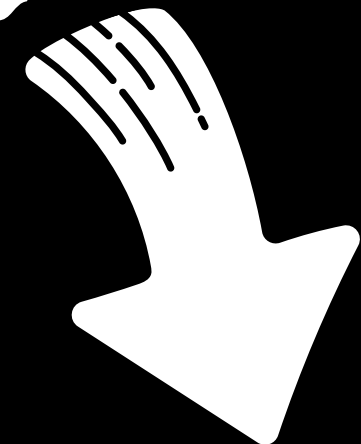
**Seller Adds or
Updates a Product**



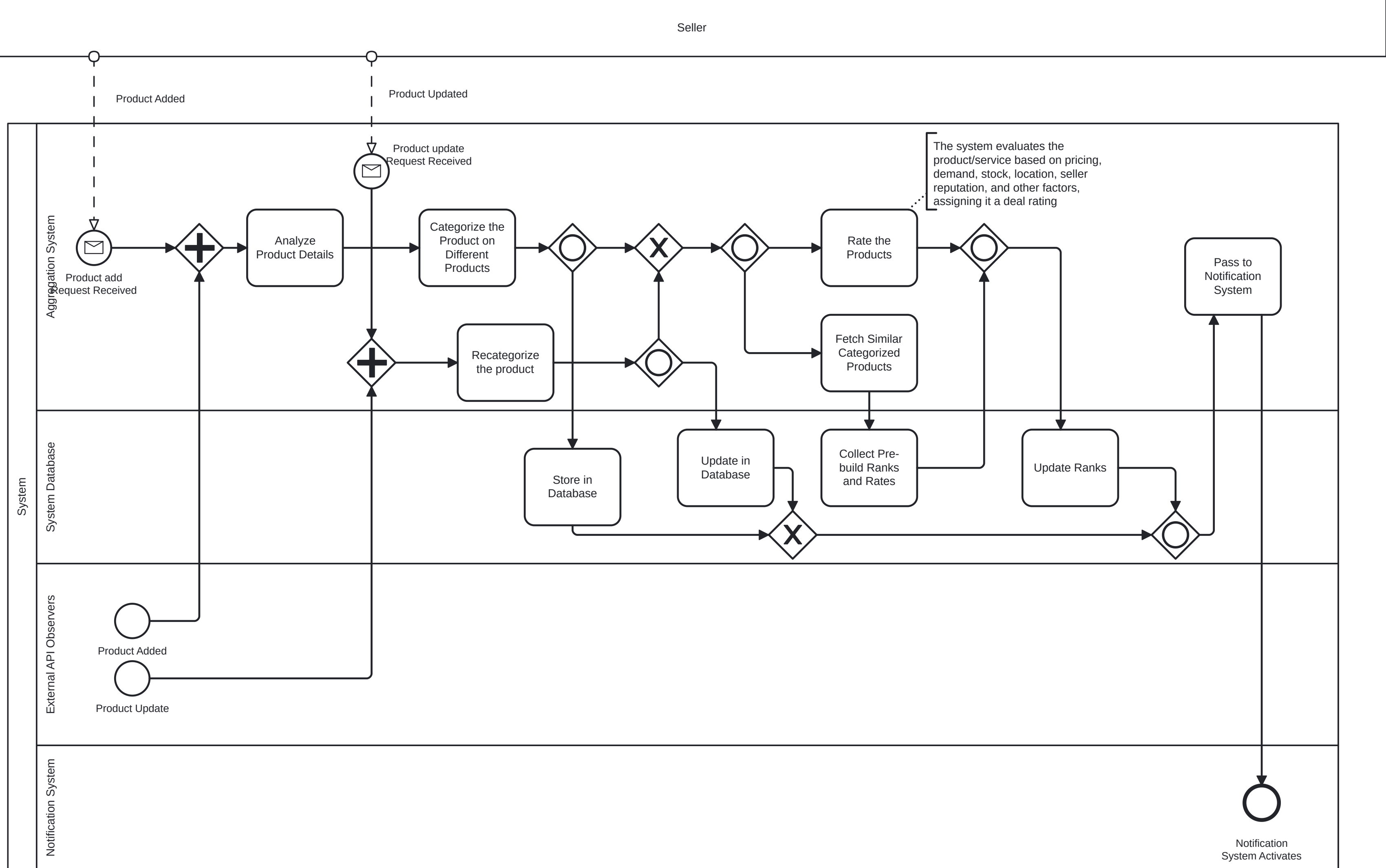
**System Updates the
recommendation ranks**



**Observer Layer Detects
any update or addition of
product**



**Notification Subsystem
activates**



DEAL ANALYTICS FOR BUYER MODULE

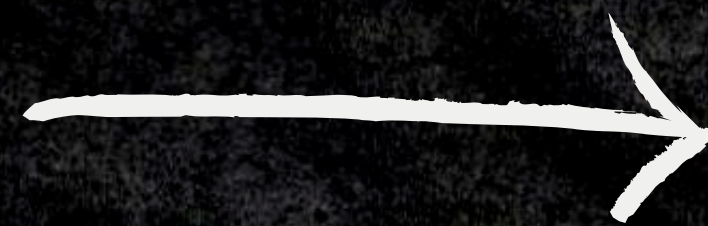
Motivation: This module provides recommended deals with detailed product analytics to assist the potential buyers to find the best deals.

Actors

Buyer (Client)
Dealytics System

Trigger Event

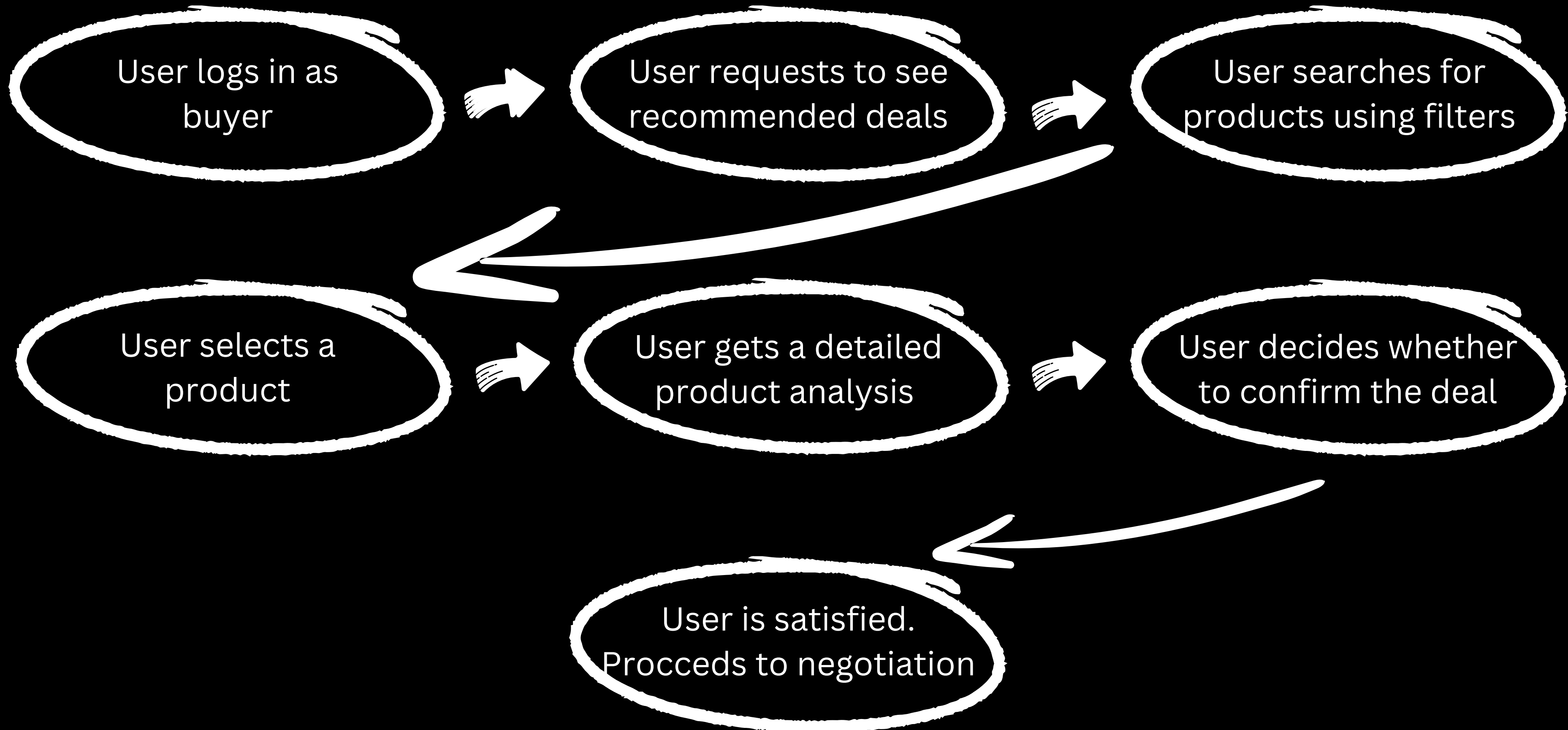
A logged-in buyer requests for recommendations or specific product analytics.

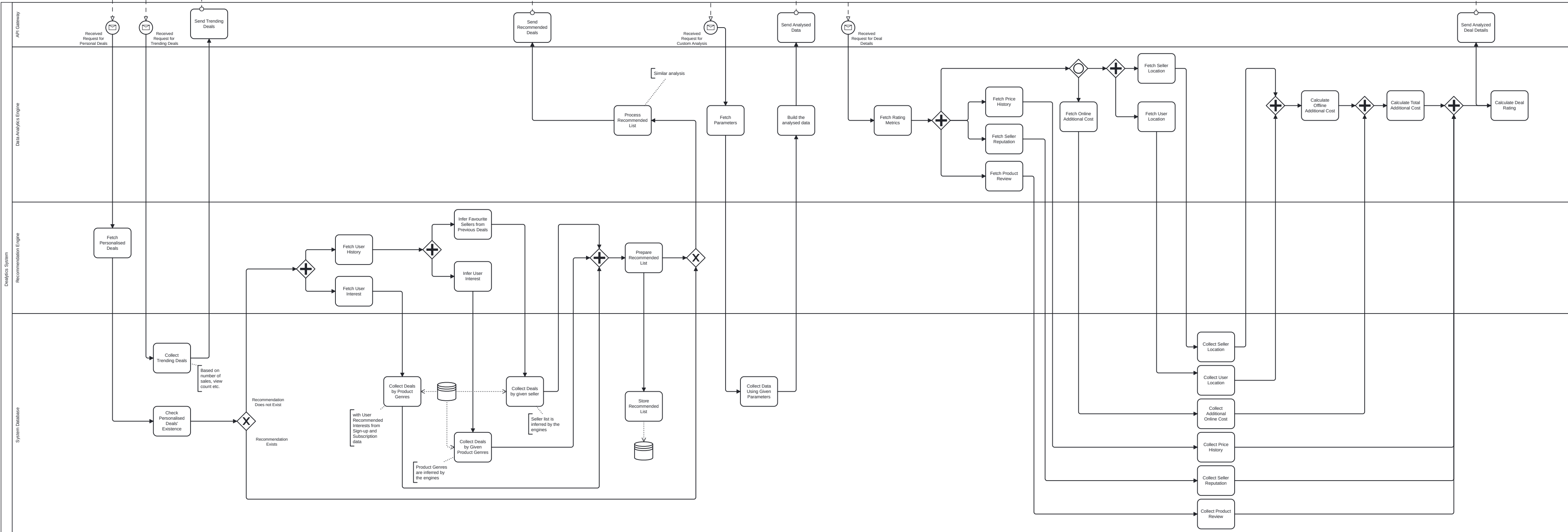
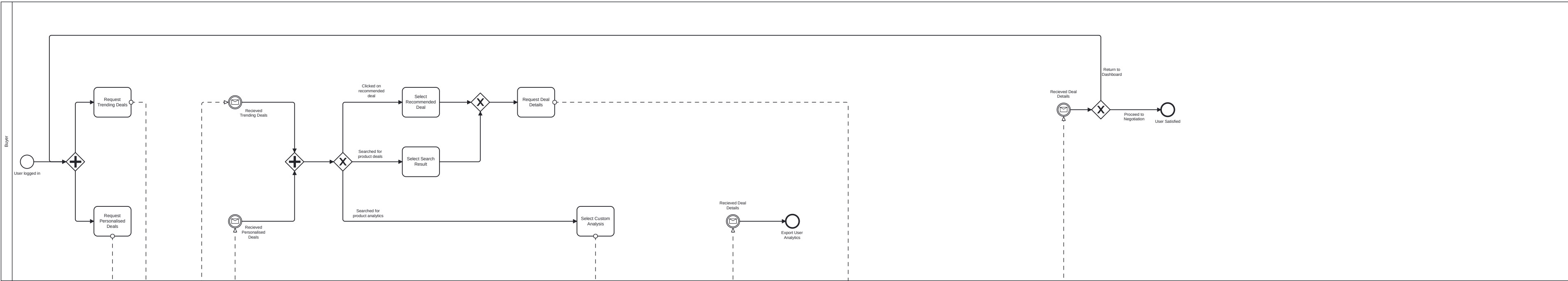


End Events

- Buyer chooses a product and proceed to negotiation.
- Buyer exports the analytics.

Simple Flow





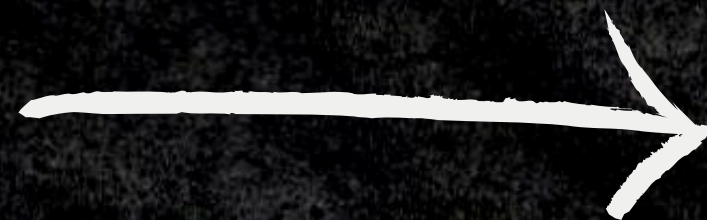
DEAL ANALYTICS FOR SELLER MODULE

Motivation: Provide price optimization strategies and inventory forecast with many custom analytics

Actors
Seller (Client)
Dealytics System

Trigger Event

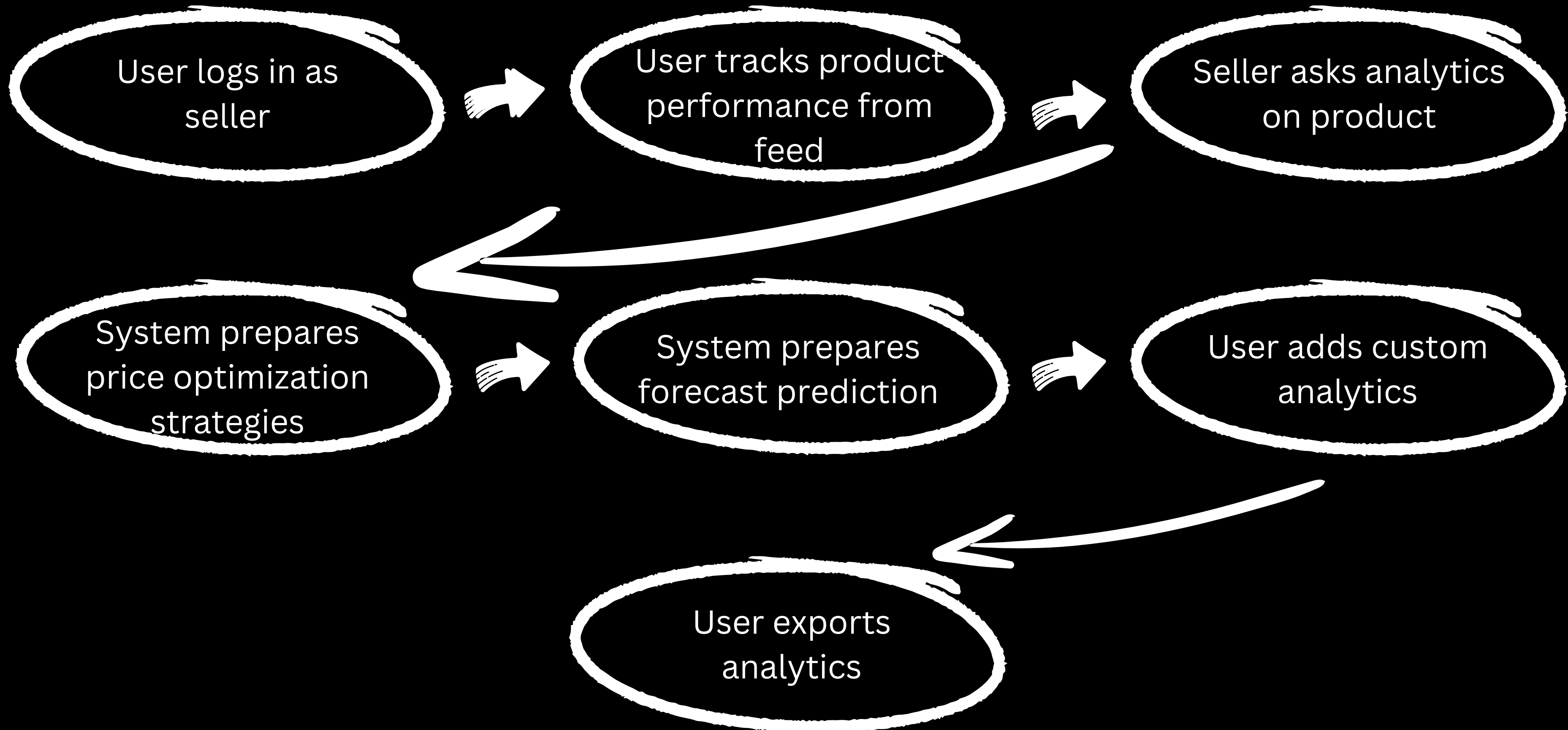
Seller logs in

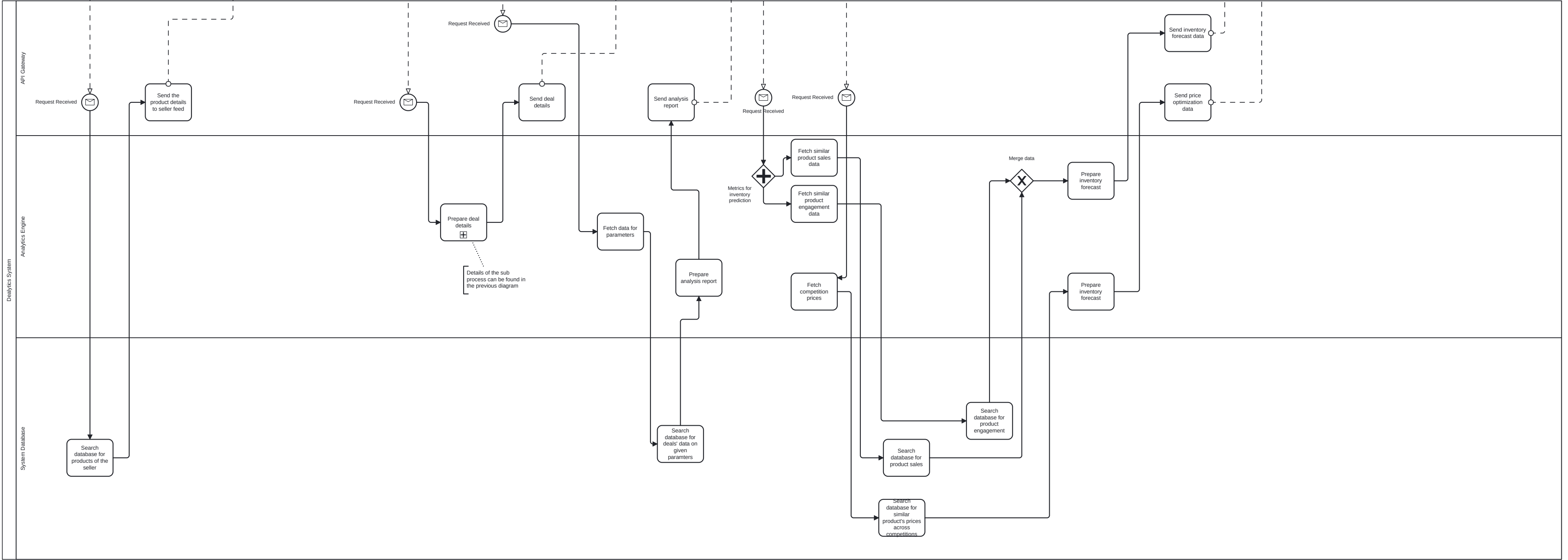
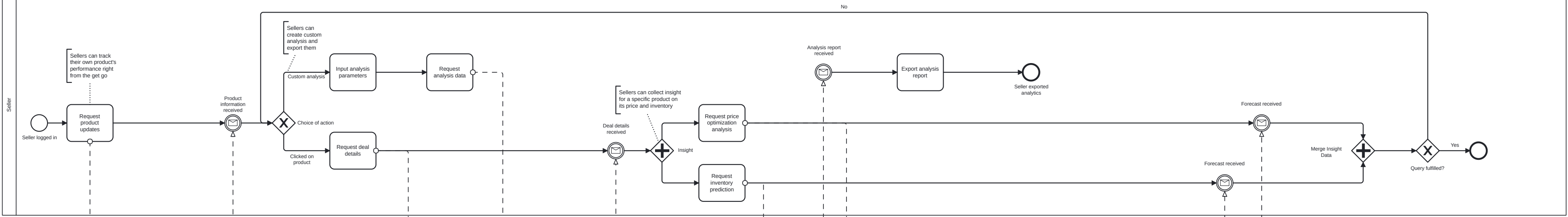


End Events


- Seller gets market insight
- Seller exports the analytics.

Simple Flow *Deal analytics for seller*





SUBSCRIPTION MODULE



Motivation: The module provides the system with necessary basic info about users

Actors

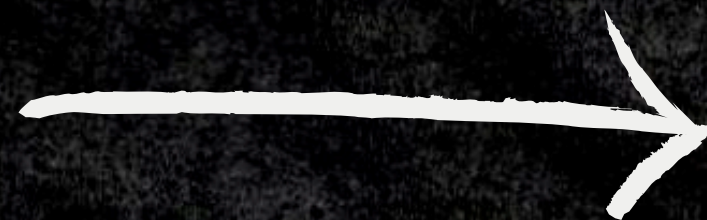
User (Buyer)

User (Seller)

Dealytics System

Trigger Event

User adds or removes
subscription

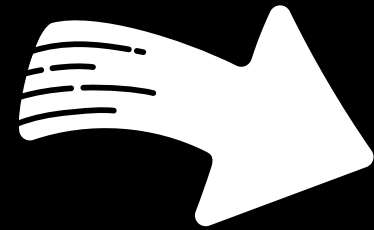


End Events

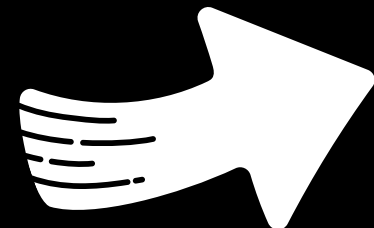
Feedback is sent to user from the
system

Simple Flow *Subscription Module*

**Seller Adds or Removes
Subscription**



**System Updates the
their Subscription list**



**Buyer Adds or Removes
Subscription**



**Feedback is sent to User
based on the subscription
status**

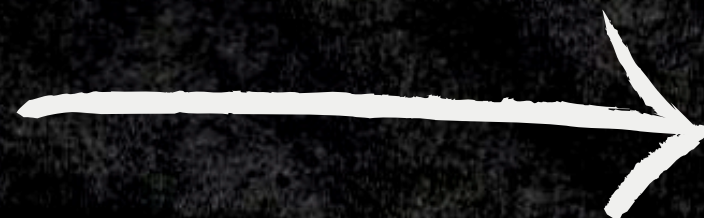
NOTIFICATION & COMMUNICATION MODULE(FOR BUYER & SELLER)

Motivation: The buyer notification system enhances the shopping experience by delivering timely price drop alerts and recommendations. The seller notification system provides critical market insights, enabling sellers to respond swiftly to market changes and stay competitive

Actors
Buyer
Seller
Notification Engine

Trigger Event

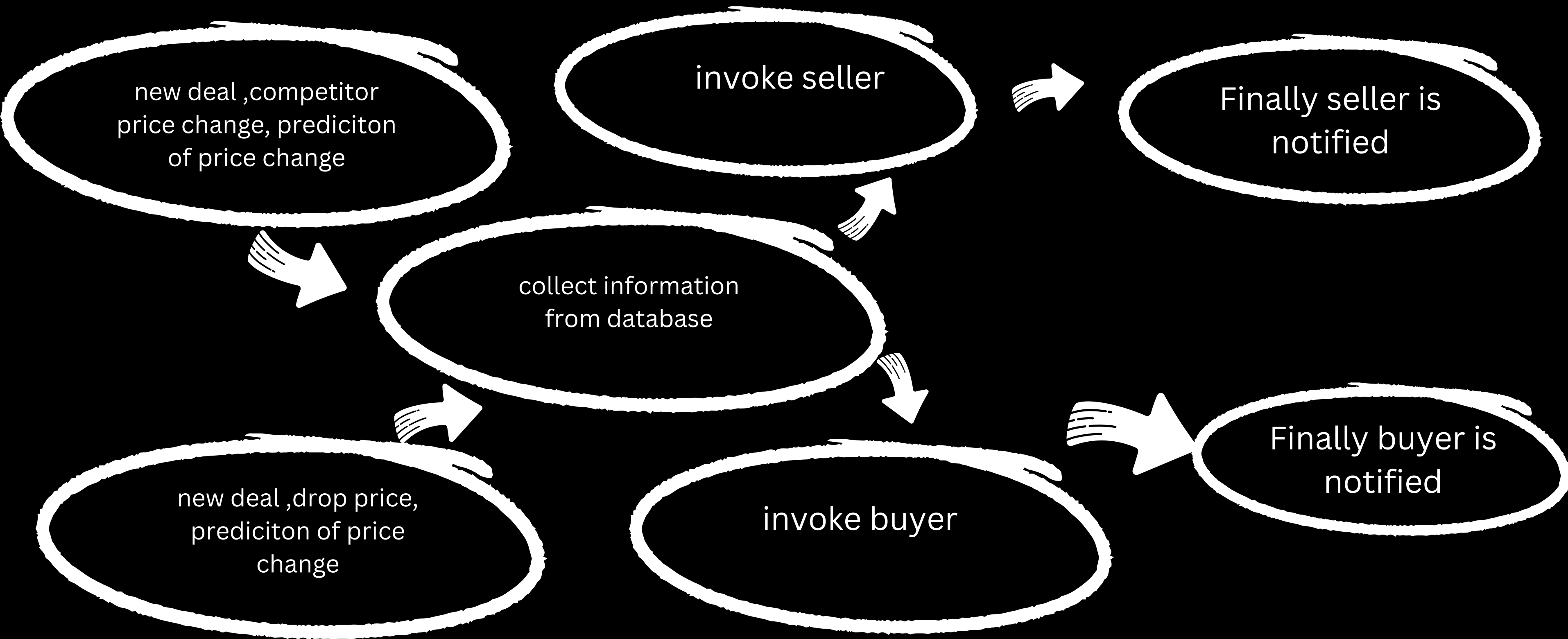
- When a buyer subscribes to notifications for a product or price alert.
- Seller subscribes to market updates.

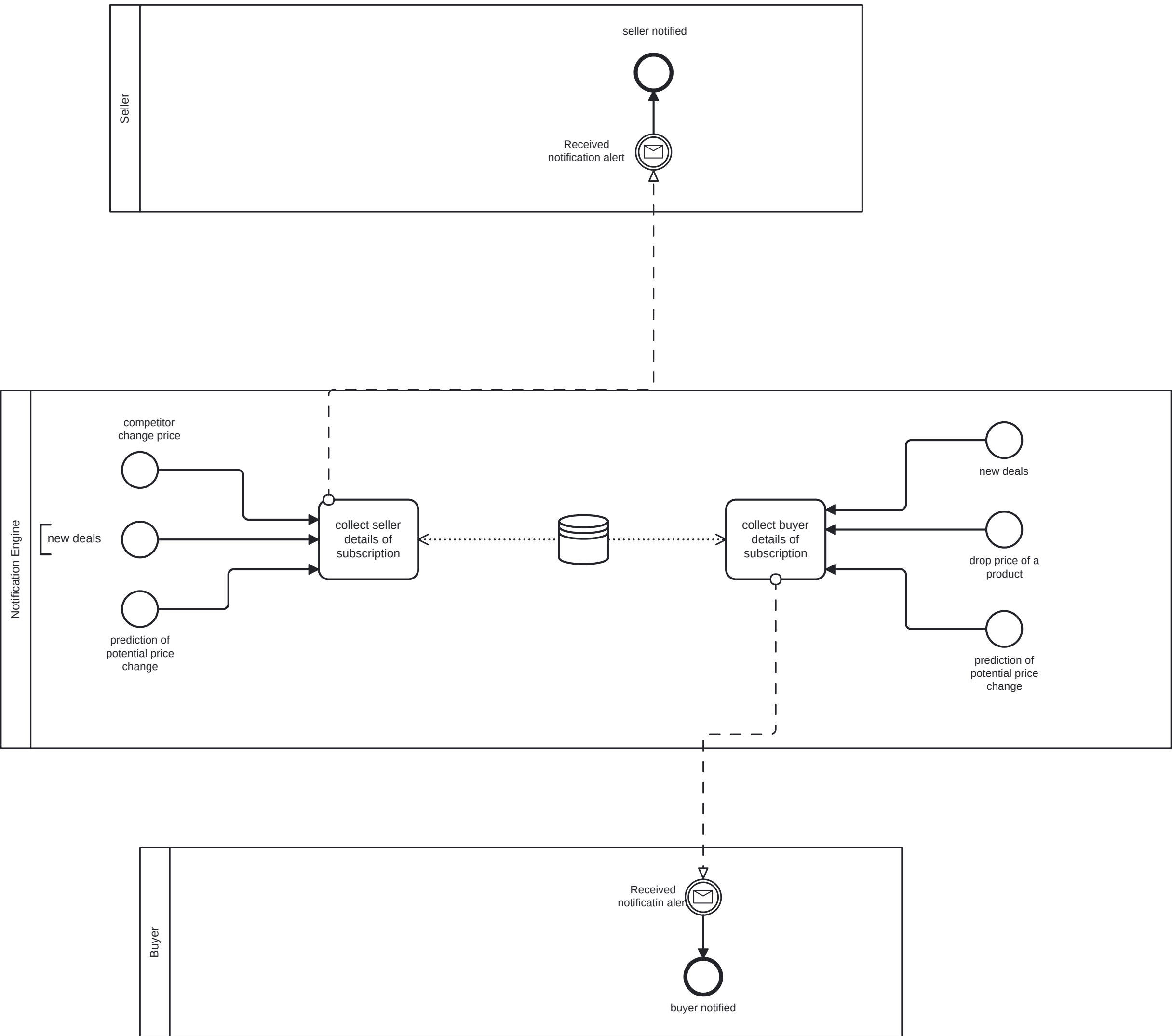


End Events

- Notifications delivered to buyer
- Notification sent to seller

Simple Flow Notification Module





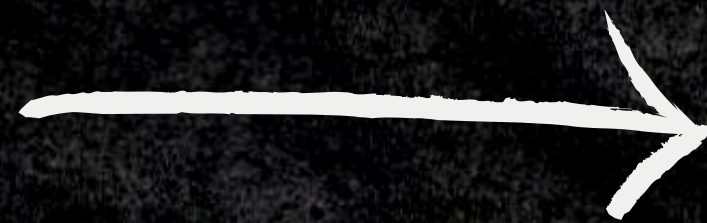
REVIEW MODULE

Motivation: The module provides a way for a buyer to add review for the product he buys and to add rating on the basis of his experience with the product

Actors
Buyer
Review System

Trigger Event

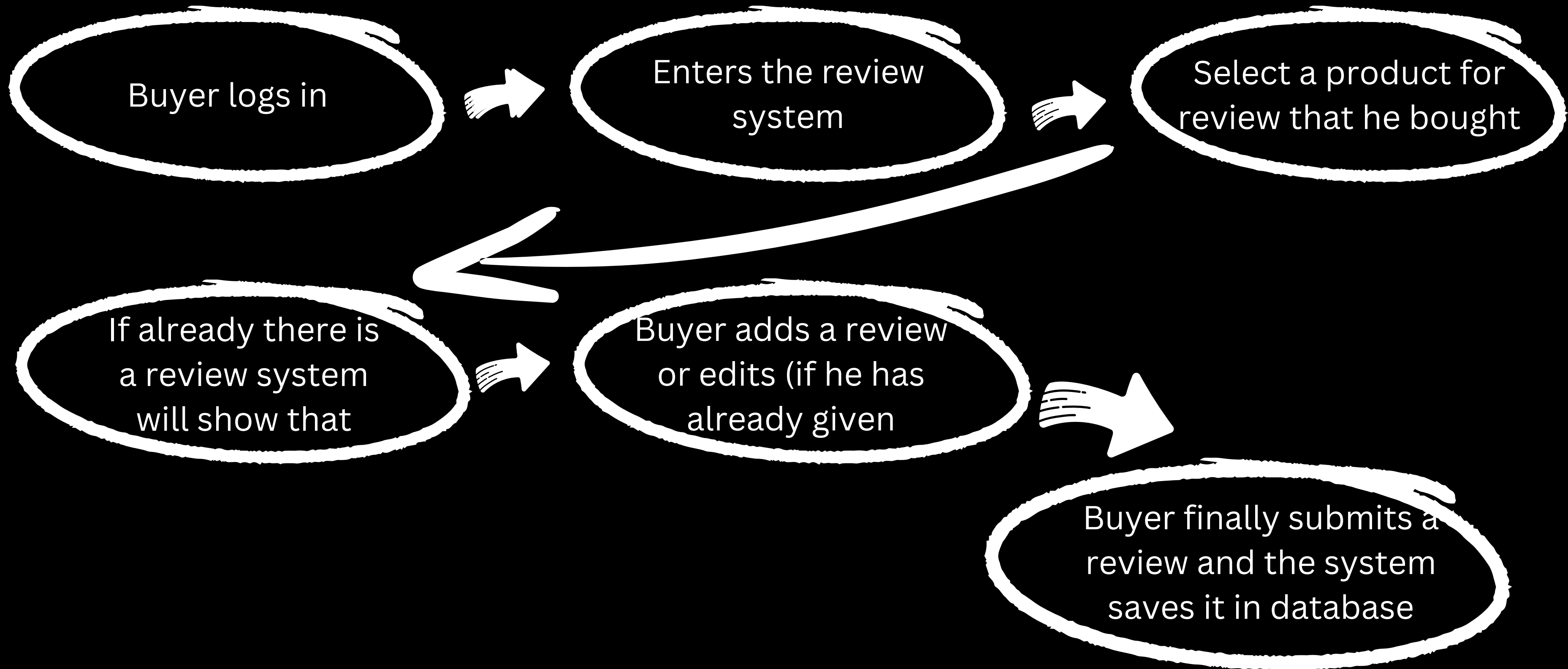
Buyer logs in and enters the review system

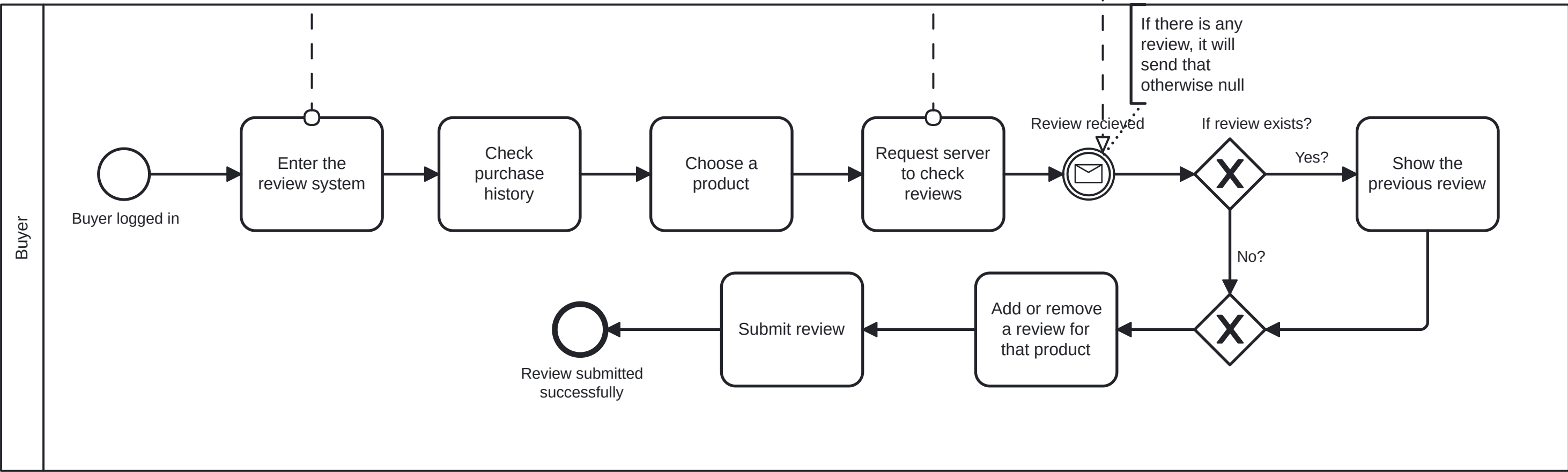
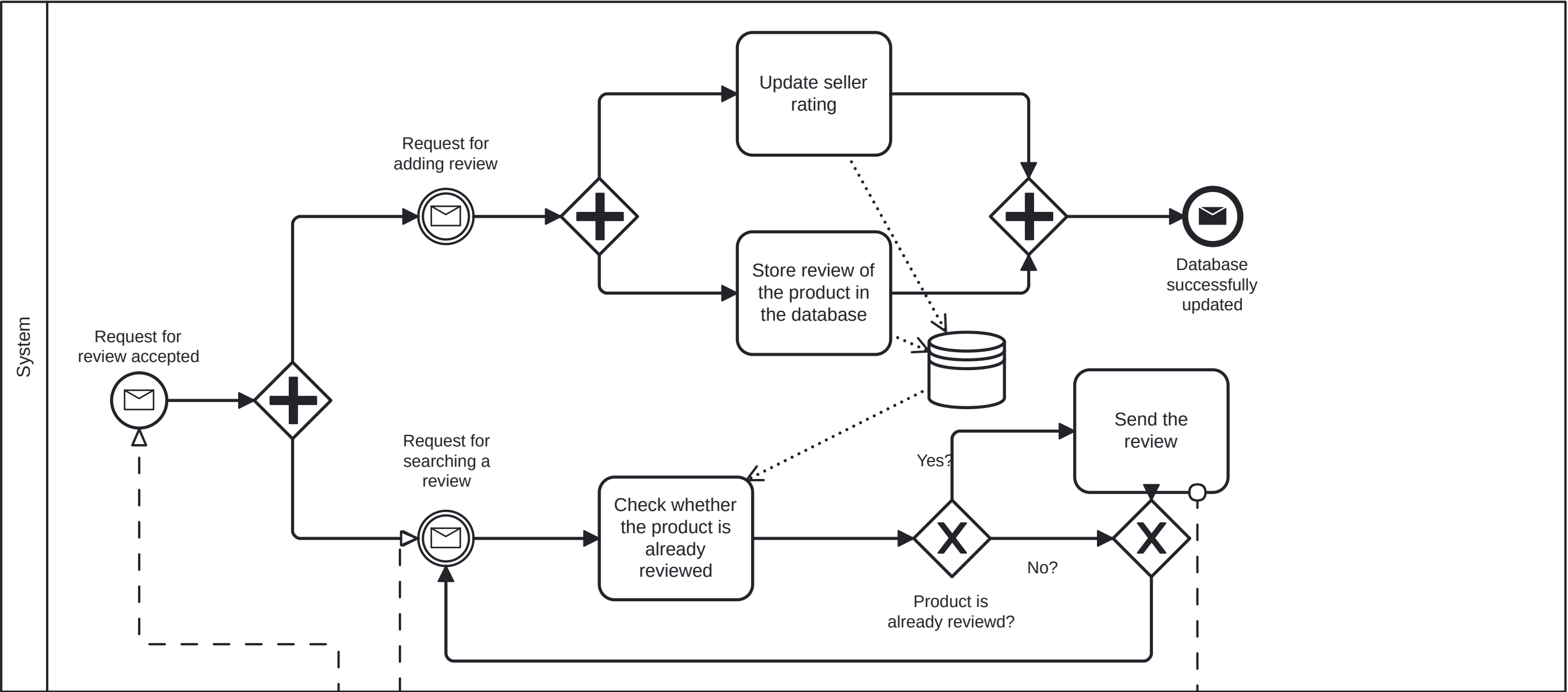


End Events

Buyer successfully submits the review for a product

Simple Flow Review Module





NEGOTIATION MODULE

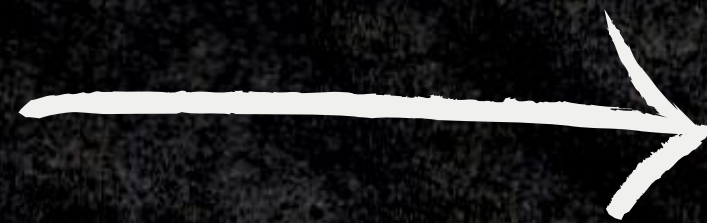


Motivation: The subsystem provides way to negotiated a deal with seller .
Successful negotiation generates contact between seller and buyer.

Actors
Buyer
Seller

Trigger Event

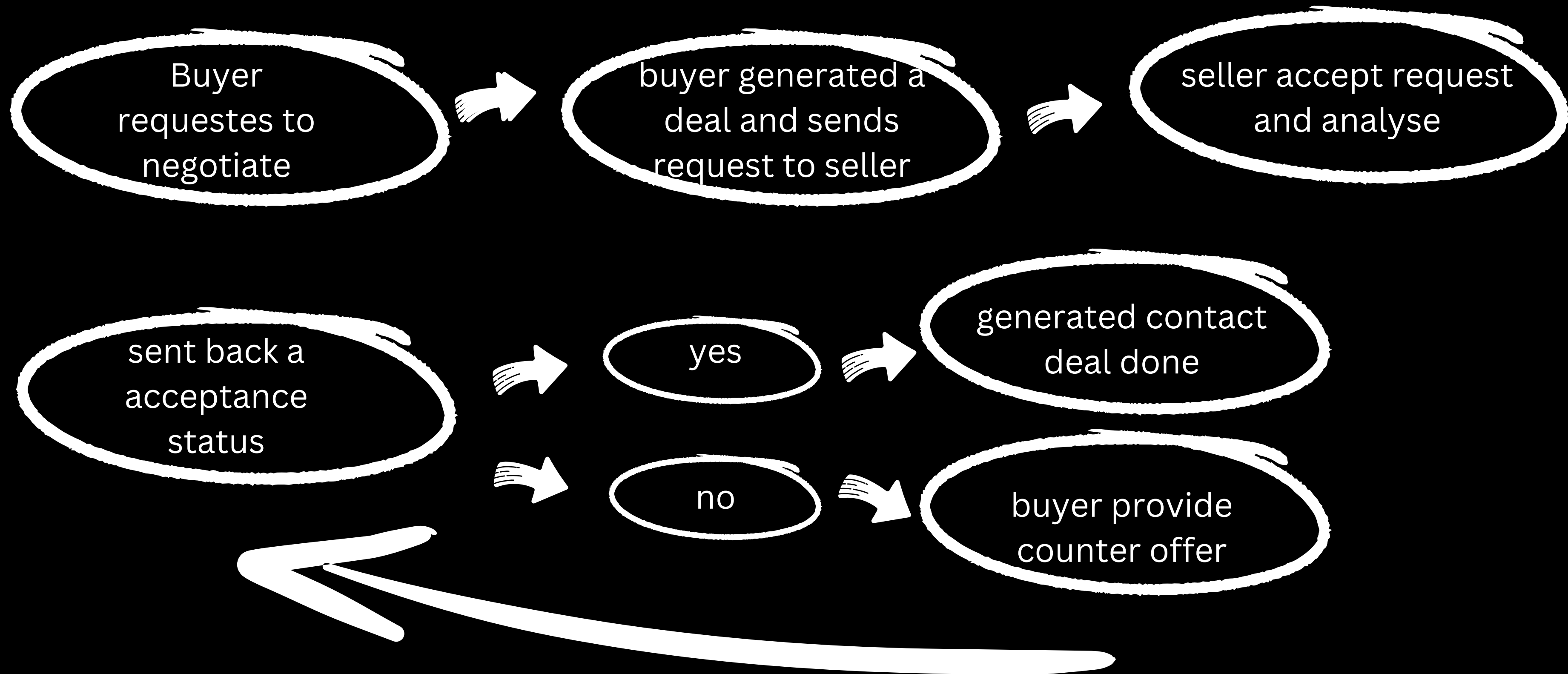
When a buyer requests for negotiation or selected product with seller.

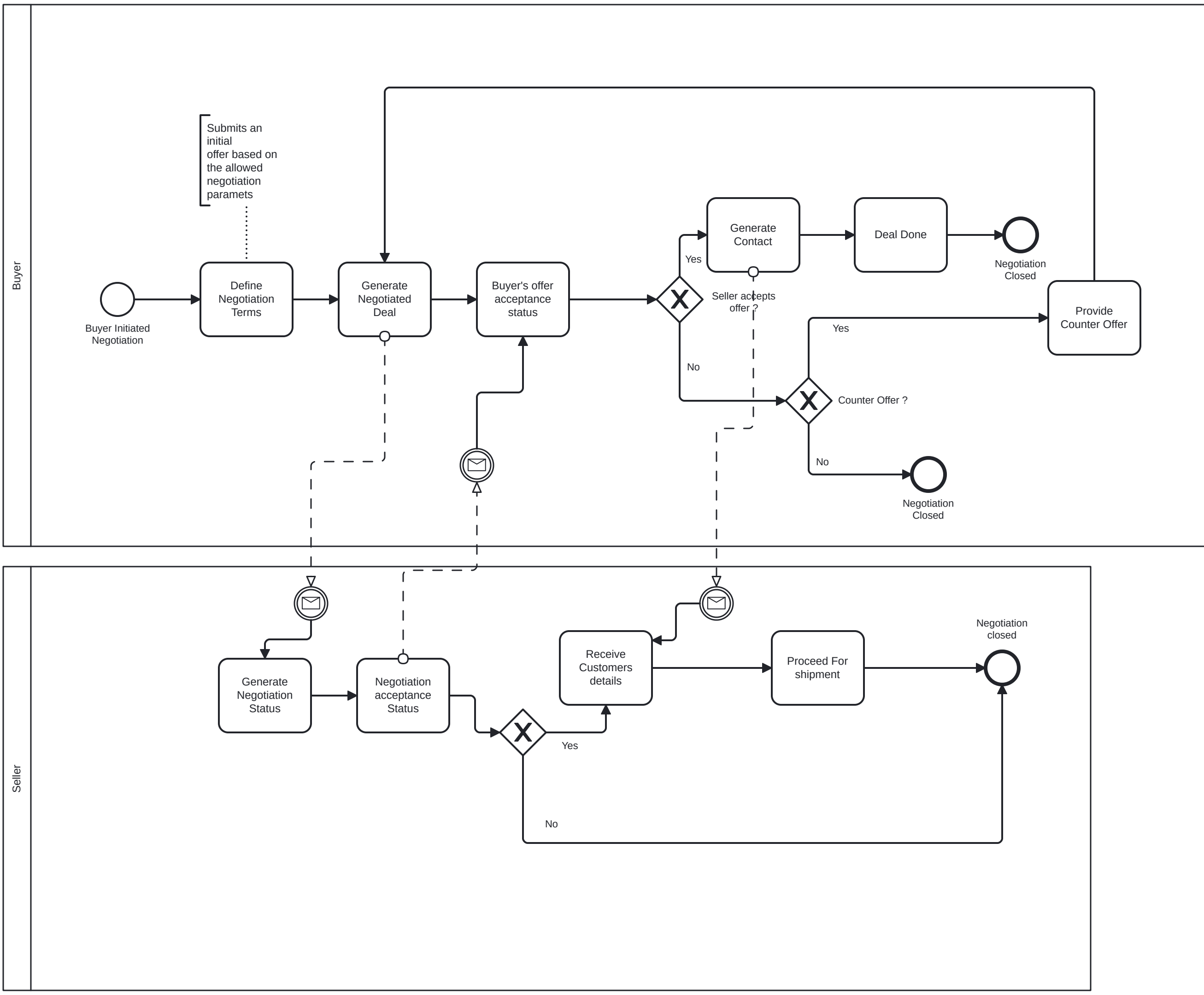


End Events

- Successful Negotiation
- Unsuccessful Negotiation

Simple Flow





THANK YOU

Presentations are communication tools that can be used as lectures, speeches, reports, demonstrations and more.

