Fraud Detection Solution User stories

Epic #0001 :

**Fraud Detection Dashboard**

**Background**

Fraud detection dashboard allow users to identify the fraudulent activities related to transactions using different visualizations as follows,

1. Shows the possible fraudulent transactions list
2. Update the fraudulent transaction list when a new fraudulent transaction is detected
3. Shows the fraudulent transaction alerts
4. Present different geo-map views related to fraudulent transactions
5. Present investigation graphs using fraudulent transaction relationships (Story #0005)

**Sub tasks**

Story #0005 : Using Fraud Investigation graphs in Fraud Detection Dashboard

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Story #0005 :

**Using Fraud Investigation Graphs in Fraud Detection Dashboard**

**Background**

In the fraud detection system, a user needs to identify the transaction relationships from an interactive fraud investigation graph and investigate the fraudulent activities using that.

**User (Persona)** : Dashboard Investigator/User

**Overview**

As a dashboard user, I want to evaluate the relationships among the transaction entities that can be linked using the entity fields. So that I will be able to investigate the fraudulent activities among the transaction.

**Prerequisites**

* + 1. Dashboard user needs to be logged into the system.
    2. Dashboard user needs to have the necessary transaction details in the system.
    3. Fraud detection execution plan should be defined in the system.

**Narrative**

* + 1. Dashboard user clicks on a transaction Id in the transaction table view.
    2. Shows the availability of transaction relationships belongs to that transaction Id.
    3. Dashboard user clicks on a specific transaction relationship.
    4. Shows that transaction relationship as a graph in the Dashboard.
* This investigation graph will create using the transaction attributes ; Credit\_card, Order, Product, Date, Person, IP\_address, Email, Phone\_Number, Address etc...
* Those transaction attributes will appear as the nodes of the graph and relationships will show as the links in the graph.
  + 1. Dashboard user investigates the fraudulent activities using the graph.
    2. Searches different attributes in the investigation graph.

**Acceptance Criteria**

* + 1. System should show the list of transaction details in a table view
    2. Investigation graphs only available if they have possible transaction relationships