In his name

ERD Scenario Description

MohammadReza Tayyebi

ER.vsdx contains “Entity Relationship Diagram” of ATM2 project.

# Algorithms

We can use BFS, DFS, Dijkstra, … to offer routes from source to destination; after all we can have feedback of our route to go with artificial intelligence reinforcement learning.

# Triggers

Each ATM has castes that they contain packages of money. Each caste has maximum count of 2000.

Each car has maximum count of 1000000.

Each date time must be validated in “Calendar Dimension”.

# Entities

# Relations

# Operations

Each car can have transactions: Outgoing (from car to ATM) / Incoming (from source to car).

Each car participates in a mission.

Each car sends feedback about its mission.

Operator defines routes for each mission.

Operator schedules each mission.

Operator sets the real mission start and end date time.

Each route contains locations with different orders.

Each ATM has transactions: Outgoing (from ATM to people / cars) Incoming (from cars / people to ATM).

Each ATM has status that will monitor different services of an ATM and it will show us usage ability of a terminal.