**מסמך אפיון TRIP-ROULETTE**

תצוגת מלבנים



**אלגוריתם**

מבנה כללי – חלוקה למבנים:



CLASS Structure

POI CLASS:

* Id (int)
* Title (string)
* Description (string)
* Category (string)
* Geo location (location)
* Grade (int)
* Cost (int)
* opening hour (hour)
* closing hour (hour)
* Activity time (int) – in minutes
* Image

Event

* Event id (int)
* Poi id (int)
* Start time (time)
* End time (time)
* Prev Event (int)
* Next Event (int)

PROP

* Trip id (int)
* Day beginning (hour)
* Day end (hour)
* Breakfast time (hour)
* Lunch time(hour)
* Dinner time (hour)
* Type (string) - nightlife, history, coaster, nature

TRIP

* Trip id (int)
* Start (int) – event id
* End (int) – event id
* Budget (int)

API CONNECTORS Interface

GOOGLE API: Int {time in minits} googleConnector(location geo1,location geo2)

POI API: poi[] apiConnector(location center, int radius)