User

- user_id : integer

- name : String

- password : String

- role : String

+ log_sighting(id: integer, date: dateTime, location: String, species: String, sightedBy: userID): void

+ validate_sighting(sightingId: integer): true

Sighting

- sighting_id : integer

- dateSeen : dateTime

- location: String

- species : String

- sighted_by: integer

Species

- scientific_name: String

- category: String

- habitat: String

- population_trend: String

Map

- center: String

- zoom_level: String

- markers: List[Marker]

+ add_marker(location: String, pop_up: String): void

+ save(self): void

+ display(self): void

Marker

- latitude: String

- longitude: String

- pop_up: String

- color: String