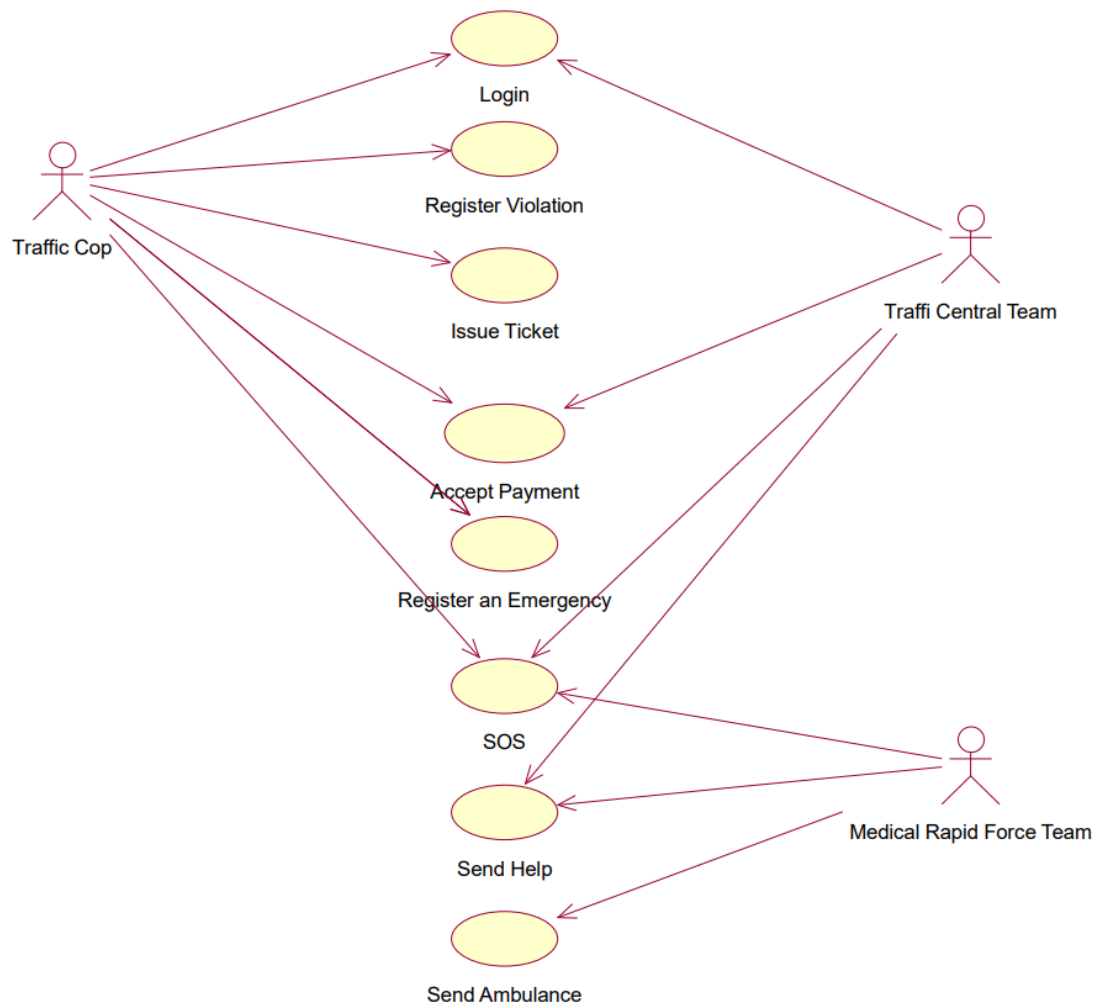


ESEVA APP
FOR
TRAFFIC COP, CENTRAL TEAM &
MEDICAL RAPID FORCE TEAM

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USE CASE DIAGRAM



USECASE DIAGRAM DOCUMENTATION

The use case diagram for the "Cop Friendly App - ESeva" project illustrates the interactions between different users (actors) and the system, represented by various functions (use cases). The diagram has three main actors: Traffic Cop, Traffic Central Team, and Medical Rapid Force Team.

1. Actors:

- **Traffic Cop:** The primary user who interacts with the app to perform several tasks.
- **Traffic Central Team:** The team responsible for managing violations, tickets, and payments.
- **Medical Rapid Force Team:** The team responsible for responding to medical emergencies and SOS signals.

2. Use Cases:

- **Login:** The Traffic Cop logs into the system to start using the app.
- **Register Violation:** The Traffic Cop registers a traffic violation in the system.
- **Issue Ticket:** The Traffic Cop issues a ticket for a registered violation.
- **Accept Payment:** The Traffic Cop accepts payments for issued tickets.
- **Register an Emergency:** The Traffic Cop registers an emergency situation in the system.
- **SOS:** The Traffic Cop can send an SOS signal in case of an urgent situation.
- **Send Help:** The Medical Rapid Force Team sends help in response to the SOS signal.
- **Send Ambulance:** The Medical Rapid Force Team sends an ambulance in response to a medical emergency.

3. Interactions:

- The **Traffic Cop** can perform all the main actions: login, register violation, issue ticket, accept payment, register an emergency, and send an SOS signal.
- The **Traffic Central Team** interacts with the system to receive information about violations, tickets, and payments. This team does not directly initiate actions but is a recipient of information.
- The **Medical Rapid Force Team** responds to SOS signals by sending help or an ambulance. This team interacts with the system only when an SOS signal or emergency is registered.

Flow of Activities:

1. **Login:** The Traffic Cop logs into the system to gain access.
2. **Register Violation:** Once logged in, the Traffic Cop can register a traffic violation.
3. **Issue Ticket:** After registering a violation, the Traffic Cop issues a ticket for the violation.
4. **Accept Payment:** The Traffic Cop can accept payments for the issued tickets.
5. **Register an Emergency:** If an emergency occurs, the Traffic Cop registers the emergency in the system.
6. **SOS:** In case of urgent assistance, the Traffic Cop sends an SOS signal.
7. **Send Help/Send Ambulance:** Upon receiving the SOS signal, the Medical Rapid Force Team sends appropriate help or an ambulance.