Research Report Template

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| Date | Change log |
| Nov 16 2020 | * Format to fit RProjC report format |
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Title: \*Distributed Clustering Protocol for Vehicular Networks

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Context: Vehicular Ad-hoc Networks, Road Safety

**1. INTRODUCTON**

* **Problem**
* **Scenario**
* **Goal**

**2. RELATED WORKS**

1. Clustering protocols vs Clustering Algorithms
2. Wireless Networks Channel Interference
3. VANETs vs MANETS vs Autonomous Vehicles
4. Driving education

**3. RESEARCH GOALS:**

* Problems and Challenges
* Idea Formulation (Clustering)
* Questions

**4. DISCUSSION**

* **Research Approach**
* **Data Collection:**
  + Tools used
    - CARLA
    - AutoCast
    - MQTT
* **Experiment**:
  + Environment (Remote CARLA)
  + Simulator
  + Clustering module
  + **Clustering Protocol**
  + Results
  + Analysis

**5. FUTURE WORK**