# AI Powered Speed Trap

## 1. Project Planning and Research

- **1.1** Analyze traffic and speeding trends across Zambia.
- **1.2** Gather input from stakeholders like traffic police and road safety experts.

## 2. AI System Development

- **2.1** Collect and prepare speeding data.
- **2.2** Develop and test AI algorithms for detecting speeding.
- **2.3** Integrate AI with existing enforcement systems.

## 3. Hardware Installation

- **3.1** Install cameras and speed sensors on key roads.
- **3.2** Connect devices to central control systems.
- **3.4** Test hardware and AI integration.

## 4. Pilot Testing

- **4.1** Deploy system at pilot locations.
- **4.2** Calibrate AI models for real-world conditions.
- **4.3** Collect feedback from traffic authorities.

## 5. Training and Rollout

- **5.1** Train traffic officers on using the system.
- **5.2** Inform the public about the new system.
- **5.3** Inform the public about the new system.

## 6. Evaluation and Reporting

- **6.1** Assess system impact on speeding and accidents.
- **6.2** Report findings and plan future rollouts.