In a city’s traffic control center, traffic managers use tangible user interface (TUIO) objects to manage traffic conditions during morning rush hour and prepare for weather disruptions and accidents. Each TUIO object represents a factor—cars, buses, trains, accidents, or weather—and when held in front of a camera, the system updates the city map on a screen. For example, the car object highlights traffic density, showing congested areas in red, while the bus object overlays bus routes and indicates delays, and the train object displays rail schedules. The accident object pinpoints incidents, suggesting alternate routes and emergency access, while the weather object overlays weather events, allowing managers to simulate impact by moving the object closer or further from the camera to zoom. By combining objects, managers see integrated traffic data across different modes, allowing them to adjust routes and issue public advisories in real time. This system facilitates rapid, informed responses to optimize traffic flow and minimize disruptions across the city.