**Meeting Title**: Weekly Team Meeting  
**Date**: [1 July 2025]  
**Time**: [11:00 am – 13:00 am]  
**Location**: [Zoom]

**Attendees**:

* Yanling Chen
* Yibing Guo
* Xinnan Mu
* Zijian Xu

### **Purpose of the Meeting**

To review development progress, align on UI/backend integration, and plan tasks for the next sprint.

### **Group Discussion Summary**

* **Topic 1：Design of the Special Event Function**

Two types of special events were discussed:

Accidents, including single vehicle breakdown and two-vehicle collision;

Road closures, covering single-lane closures and multi-lane(full-edge) closures.

The triggering parameters (e.g., affected lanes and vehicles) will be randomly generated and handled by the TraCI module. These events will then be submitted to the simulation environment for execution.

* **Topic 2: User Management Page UI Design**

The page will include user listing and user add/edit/delete operations.

Frontend will follow a unified style using standard components, while the backend supports pagination and status management.

* **Topic 3: Dashboard Page Chart Data Design**

Charts will visualize key traffic indicators such as junction congestion levels and traffic volume trends. Data will be sourced from statistical summary tables in the backend database. And the dashboard should support real-time updates, allow data export.

### **Agreed Actions**

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| --- | --- | --- |
| **Task** | **Responsible Member** | **Due Date** |
| Dashboard page implementation | Yanling Chen (Frontend), Yibing Guo (Backend) | 5 July 2025 |
| Control page optimization (map input) | Zijian Xu (Frontend) | 5 July 2025 |
| User login page (frontend + backend) | Xinnan Mu | 5 July 2025 |
| User management page | Zijian Xu (Frontend), Xinnan Mu (Backend) | 5 July 2025 |
| Special event backend development | Yibing Guo, Zijian Xu | 5 July 2025 |

### **Next Steps**

* Complete integration testing on Saturday and Sunday.
* In Sprint 2, implement emergency vehicle tracking, AI control, and logging module functions.
* Optimize vehicle volume configurations in SUMO across different time periods.
* Add export functionality to both the User Management and Dashboard pages.
* Improve real-time chart updates in the Dashboard.