A black and red sign with white text

Description automatically generated **Intelligent System**

**Weekly Report**

| **Project name:** | **Delivery Vehicle Routing System** |
| --- | --- |
| **Student Name:** | Nguyen Van Quoc (104198640)  Tran Hung Quoc Tuan (105000908)  Mai Hoang Dai Vy (104993201)  Nguyen Ha Minh Chau(104663478) |
| **Week 8** | |

**✅ Tasks Completed:**

* Integrated Google OR-Tools into the code to enhance route optimization.
* Began the process of replacing some GA functions with OR-Tools.

**⚠️ Challenges Faced:**

* The system was not fully rebuilt based on OR-Tools, causing inconsistencies.
* OR-Tools and GA conflicted in some cases, requiring further research.

**🤔 How We Can Improve:**

* Clearly document how OR-Tools and GA interact to avoid confusion.
* Conduct QA testing to evaluate OR-Tools integration.

**📌 Plans for Next Week:**

* Research how to combine OR-Tools and GA effectively.
* Refine optimization models to improve route efficiency.