# GovHack 2025 - Team Roles & Project Brief

## 1. Team Roles Table (Self-Assignment)

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| Role | Description | Assigned To |
| Team Leader / Coordinator | Oversees team communication, manages tasks, and ensures Sunday 5 PM deadline is met. | Quentin (Current Leader) |
| Data Researcher | Finds and gathers relevant open datasets related to transport and neighbourhood planning. |  |
| Data Analyst | Cleans, organizes, and analyzes datasets for insights and trends. |  |
| Developer / Prototyping Lead | Builds the technical solution (map, dashboard, or API integration). |  |
| UX/UI Designer | Designs interfaces, visual layouts, and user-friendly experiences for tools or demos. |  |
| Policy & Insights Researcher | Aligns the project with government strategies and validates the problem statement. |  |
| Documentation & Presentation Lead | Prepares the project page, video script, and final submission materials. |  |

## 2. Project Brief

### Team Name:

To Be Decided

### Project Name:

To Be Decided

### Challenges Targeted (currently):

• Optimising Transport Networks for School Kids  
• Delivering the 20-Minute Neighbourhood Plan

### Project Overview:

Our project aims to leverage open government datasets to design an innovative, data-driven solution that improves transport efficiency and accessibility. By integrating demographic, infrastructure, and transport network data, we will propose actionable recommendations or tools that enhance daily travel experiences—especially for school children and community residents.

### Proposed Concept:

• For School Transport: Use route optimization models to minimize travel time and maximize safety for students.  
• For 20-Minute Neighbourhoods: Identify gaps in essential services within communities and recommend infrastructure improvements or create interactive visualizations.

### Key Deliverables:

• Clean, well-documented datasets with clear references  
• Interactive prototype or visualization (e.g., dashboard, heat map, or route optimizer)  
• 3-minute pitch video explaining the problem, solution, and impact  
• Evidence repository with technical and research materials

### Next Steps:

1. Confirm Roles – Everyone selects their role by end of Friday night.  
2. Dataset Exploration – Start identifying and reviewing relevant datasets.  
3. Concept Refinement – Decide on specific focus and measurable objectives.  
4. Prototype Development – Start technical work early Saturday.  
5. Finalize Deliverables – Complete video and project page by Sunday 3 PM, final submission before 5 PM sharp.

**GovHack Weekend Timeline**

**Friday Night – 11 PM to 1 AM**

* Finalize **team roles** (self-selection from the table).
* Read through the **challenge descriptions** and **submission requirements**.
* Set up communication channels (WhatsApp/Slack) and share the **Hackerspace project link**.

**Saturday Morning – 8 AM to 12 PM**

* **8:00 – 9:00 AM** – Quick team sync: confirm roles and review initial ideas.
* **9:00 – 12:00 PM** – **Dataset exploration and collection**:
  + Transport datasets
  + Demographic and geographic datasets
  + Policy or infrastructure data for the 20-Minute Neighbourhood plan

**Saturday Afternoon – 12 PM to 6 PM**

* **12:00 – 2:00 PM** – Define **problem statement** and **scope**:
  + Decide which challenge to prioritize or how to merge both effectively.
  + Draft a clear outline for the project story.
* **2:00 – 6:00 PM** – Start **technical build**:
  + Data cleaning and basic analysis (Data team).
  + Wireframes/mockups (Design team).
  + Early prototype setup (Developer team).

**Saturday Night – 6 PM to 11 PM**

* **6:00 – 8:00 PM** – Refine **prototype features** and **visual concepts**.
* **8:00 – 10:00 PM** – Begin drafting **submission text**:
  + Project description
  + Data usage documentation
  + Impact statement
* **10:00 – 11:00 PM** – Short progress sync to align tasks for Sunday.

**Sunday Morning – 8 AM to 12 PM**

* **8:00 – 10:00 AM** – **Final prototype polishing**:
  + Debug, test, and ensure usability.
* **10:00 – 12:00 PM** – **Video scripting and storyboarding**:
  + Decide on narrator and visuals for the 3-minute pitch.

**Sunday Afternoon – 12 PM to 5 PM**

* **12:00 – 2:00 PM** – **Record and edit the video**, upload draft to YouTube (unlisted).
* **2:00 – 3:00 PM** – Review **evidence repository** for completeness.
* **3:00 PM** – **Upload final video link** to Hackerspace.
* **3:00 – 4:30 PM** – Final check of project page, ensuring descriptions, data, and credits are accurate.
* **4:30 – 5:00 PM** – Submit **final entry** before the **hard 5 PM deadline**.

**Post-Submission (Sunday 5 PM+)**

* Celebrate and prepare for follow-up if shortlisted.