## Research Questions

1. Agent knowledge and accuracy
2. Agent helpfulness
3. Do we trust the agent?

## Debugging Model

Expert model w/ 6 errors:

1. Delta\_t not initialized (should be initialized to .1)
2. Acceleration initialized to 0 (should be 4)
3. Set velocity (should be change by)
4. Position updates by constant 1 (should update by velocity \* delta\_t)
5. If velocity = speed limit (should be greater than)
6. Lookahead distance set to constant 8 (should be stop sign position - 28.125)

## Day-of Protocol

### -30 to 0 Minutes (Prep)

Setup

* Set up PowerPoint
* Set up C2STEM server/client w/ Debug template

### 0 to 20 Minutes (Housekeeping)

* Collect consents/assents
* Assign student IDs
* Add Itzel address/phone number to spreadsheet for Magdalena
* PowerPoint Presentation

### 20 to 60 Minutes (Activity)

* Start recording
* Debugging activity

### 60 to 75 Minutes (Discussion)

* Agent’s ability to provide guidance and interpret their actions.
  + Did you feel that the agent helped?
  + Do you feel that it understood what you were doing while you were working?
  + Do you trust its guidance?
  + Anything else?

### Post Hoc

[Survey](https://docs.google.com/forms/d/1K3fY277Ir0vLNqVC8k92vT4vAFQ-uAxDWZa9463bzac/edit)

Magdalena

Add RAG summary to analysis sheet

Save/retrieve screen recording