

CE 295  
Project Declaration

## 2.1 Declaration [2 pts]

Submit the following three pieces of information:

1. Project Team: Names & e-mails of each team (5-6 per team).
2. One to three sentence description of project topic. You are *not bound* to this topic, and are free to propose something different when the actual project proposal is due. The idea is, simply, to get your team assembled and brainstorming ideas ASAP.
3. Systems-and-Control Tool: Which systems-and-control tool(s) will your project apply? You must pick at least one among: (a) CH1 - Mathematical modeling, (b) CH2 - State Estimation, (c) CH3 - Optimization, (d) CH4 - Machine Learning, (e) CH5 - Optimal Control. See the course notes for a flavor of each topic.

### 1. Team

Name	Email
Tianhao Wu	thwu@berkeley.edu
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### 2. Description:

V2X traffic platoon optimization that minimizes overall energy consumption cost while satisfying travel time constraints.

### 3. Systems-and-control tools we will apply:

- a. Optimization
- b. Optimal control
- c. Mathematical modeling