

# CSE 321 - Real-Time Embedded Systems

## Project Proposal

Fall 2024

**Note:** This proposal will be used by instructors to sign off your project ideas. The red asterisk fields are compulsory to fill. If you also give us an initial state transition table, you'll be given extra credit.

### 1. Team Details

**Team Member 1:**

First Name \*:

Last Name \*:

UBIT \*:

**Team Member 2:** [Replace all fields with NA if working solo]

First Name \*:

Last Name \*:

UBIT \*:

### 2. Title of Your Project \*

### 3. Project Description \*

In up to 10-15 points, describe the system you will implement.

## 4. Real-Time Systems Component \*

Identify the real-time systems part of your project.

---

## 5. Sensors

List the sensors you will be purchasing, potentially.

## 6. Additional Components

List any other components you need and will be purchasing.

---

## 7. Functional Overview/Motivation

Describe what the final product looks like to you functionally, how will user/users or the environment interact with it. What drives you to build this project.

## 8. State Transition Table [Extra Credit]

Provide an **initial** state transition table for your project. Leave un used parts empty. **ONLY IF YOU NEED MORE SPACE**, upload a separate image of your table and leave this completely empty.


### Legends

Fill in the legends or explanations for the state transition table.