**ELEC 390/49X Project Outline**

**Section 1) This section is to be filled by the students:**

**Project title: TeachEE**

**Group #: 7**

**Group members:**

1- Eric Yang

2- Ethan Peterson

3- John Giorshev

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**1. Problem hypothesis**

Students who wish or have to work on electrical engineering labs at home do not have access to a versatile oscilloscope.

**2. Solution hypothesis**

Our solution is a USB connected oscilloscope with its interface entirely on a desktop application. It will consist of an STM32 ARM chip, a USB connector, and multiple probes.

**Section 2) This section is to be filled by the supervisor:**

**Supervisor Agreement:**

**I, Prof. \_Thomas R. Dean\_\_\_, have agreed to supervise this team/project.**

**Supervisor Signature: A picture containing icon

Description automatically generated**

**Date: \_\_March 1, 2021\_\_\_\_**