ECE 411

Fall 2016

Homework 2

Project Proposal

(Team Assignment)

This homework consists of five parts:

1. Form a team with three other members of the class. Choose your teammates not only on the

basis of friendship or familiarity but also to ensure a diversity of skills on the team.

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2. After forming teams of four, come up with four ideas for a term project that conforms to the

project guidelines. Document each idea with a brief paragraph.

Bath fan controller

Metronome

Tuning Fork

Fan Controller

Holiday Controller (ornament)

3. Create a decision matrix showing the four potential project ideas and the criteria you used for

selecting the project you’ll actually undertake along with their scores. Document your criteria,

your weights, and rationale for them. Describe the method you used to assign numerical values.

**Pending**

4. Choose one project idea from these four that you will actually pursue for your term project and

develop a brief proposal for that project. Because these projects may not be fulfilling an actual

need, your project proposal will not have all the usual content that an actual project proposal

will (e.g. needs statement, objective statement, market size, preliminary schedule, etc.) The

purpose is primarily to describe your project so that we can determine whether it meets the

guidelines (see “Practicum Term Project” on first day of Syllabus page on the course website).

You must have your project proposal approved. A reasonable project proposal for this purpose

will fit on one page.

**Most likely metronome**

5. Complete the Google form (link available on the course web site’s Syllabus page) to enter your

project title, team member names and information about your project’s Wiki.