Product Requirements Document

Project 14 MetroKnome

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Team Members:

Saly Hakkoum

Kam Robertson

Brian Dunn

Kyle Johnson

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1. Purpose/summary

visual and aural output variable timing device

1. Needs/objective/background

no instructions necessary beyond product description

5yr old human child can operate within 1minute

1. Functionality

rotary encoder changes bpm

button does something (not determined)

piezo buzzer indicates passage of the set time period

led indicates passage of the set time period

1. Performance

30 to 240 bpm (should exceed this easy)

1. Competition/Intended Market

Completion is substantial

Market = musicians

Market = individuals needing a visual/aural timing device

1. Safety/Environmental

intrinsically safe

dry

room temperature