

<Device Name> DESIGN RATIONALE

Introduction

<Description of challenge>

<Description of intended user>

Research

<List of commercial alternatives>

<List of DIY designs>

Requirements

Goals

G01	
G02	
G03	

Functional Requirements

F01	
F02	
F03	

Non-functional Requirement

NF01	
NF02	
NF03	

Constraints

C01	
C02	
C03	

Ideation

<Device Name> DESIGN RATIONALE

Conceptual Design

Concept 1

Concept 2

Concept 3

Prototyping

Testing

Detailed Design

Opportunities for Improvement