



Preventive Safety and Communication System Accessory for Motorcyclists

The best communication tool for your biking group

Presentation Overview

Problem Statement

Need Finding

Empathy Map

Low Fidelity Prototype

High Fidelity Prototype

Heuristic Evaluation



Problem Statement

Preventive Safety and communication System Accessory
for Motorcyclist Communities during extended travels.



Need Finding

01 Emergencies

02 Communication and Navigation

03 Luxuries



Emergencies



- Bike Accident
- Back Up Call
- Automatic Accident Alert



Communication

- Fuel
- Repair / Maintenance
- Refreshment
- Intermediate Travel Destination





Navigation

- Weather
- Road Condition
- Highway Traffic / Accidents



Luxuries

- Music System Control
- Call Reception

Empathy Map

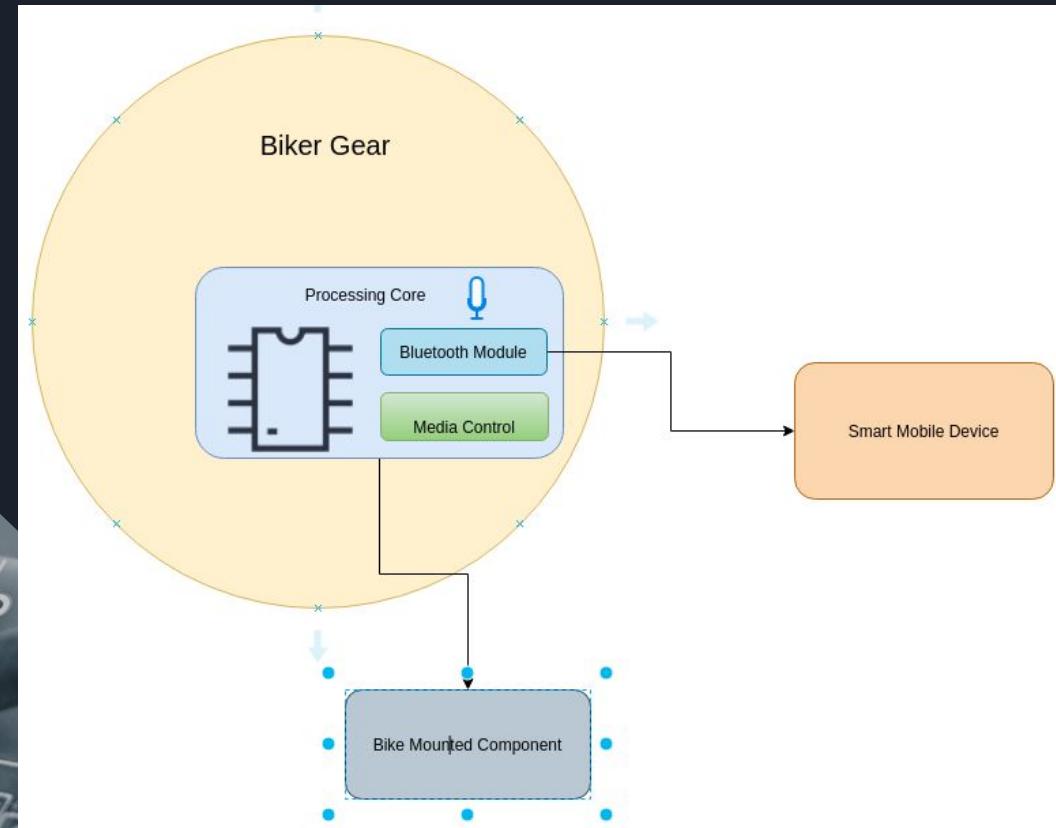




Low Fidelity Prototype



High Fidelity Prototype



High Fidelity Prototype

Demonstration of the concept of our Biker Communication System

Interface

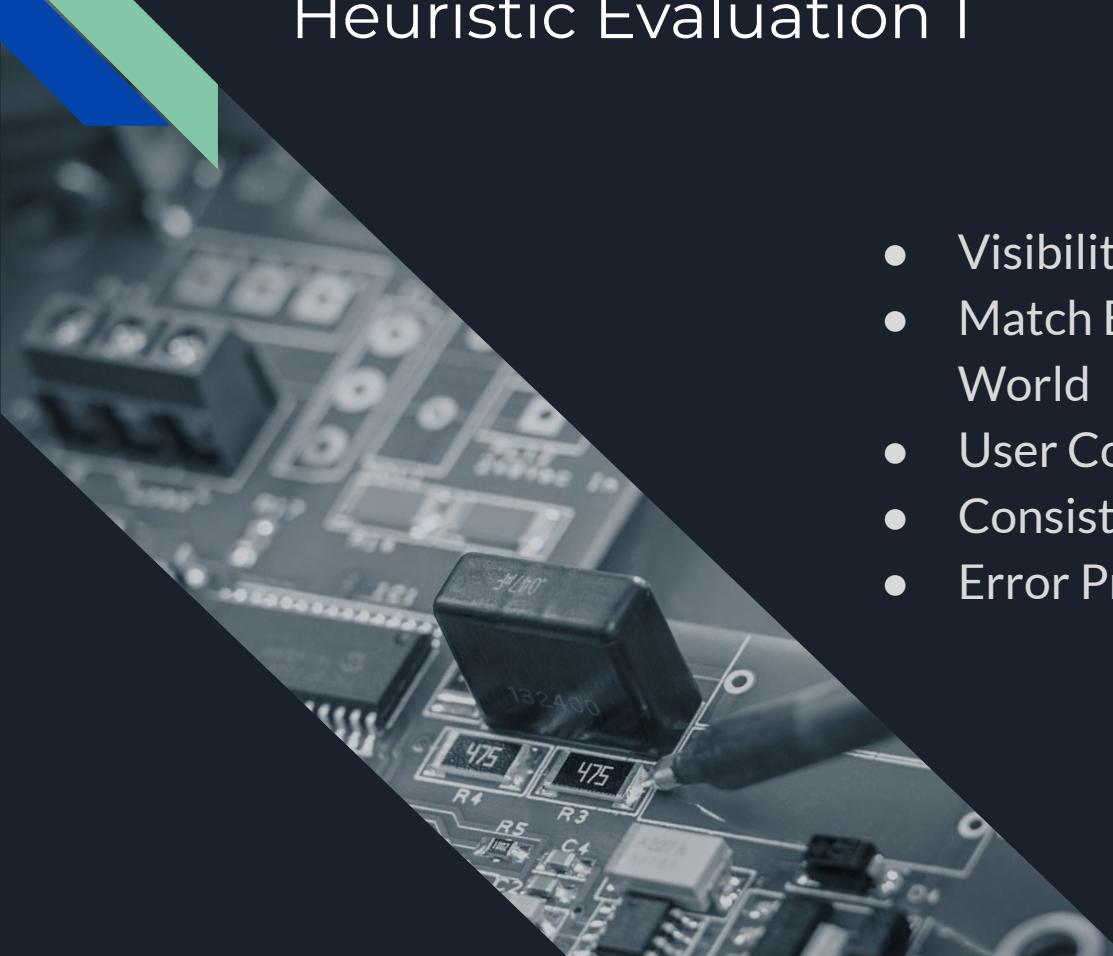
- In helmet - Audio System
- Handlebar Buttons
 - Emergency
 - Communication





Heuristic Evaluation

Jakob Nielsen's 10 principles for Interaction Design



Heuristic Evaluation 1

- Visibility of System Status
- Match Between System and Real World
- User Control and Freedom
- Consistency and Standards
- Error Prevention



Heuristic Evaluation 2

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- Recognition rather than Recall
 - Flexibility and Efficiency of use
 - Aesthetic and Minimalist Design
 - Help users to Recognize, Diagnose and Recover from Errors
 - Help and Documentation

Thank you!

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