



Motorcycle Theft Alert



Team Name: Ofua Got Talent

From Left to Right:

Khwaje

Swaraj

Joseph

Aletha

Daniel

(a.k.a Bombshell Worldwide)

Emmanual

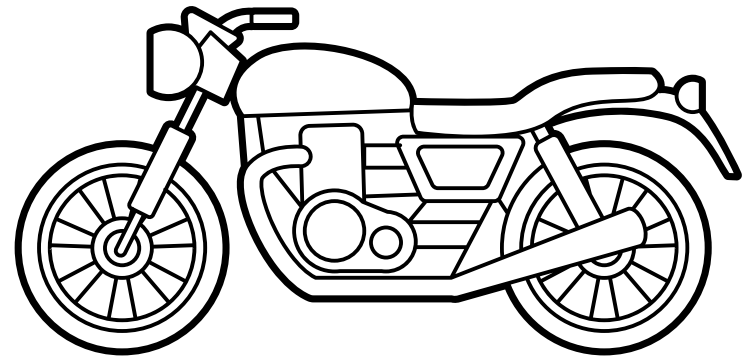
Moses

Harrison

Bryan

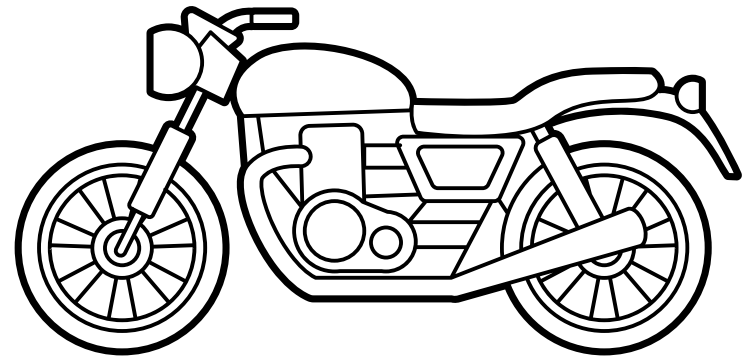


Motorbikes: Lifeline of West Nile, Uganda



Boda Boda “Taxis” for Transportation

Motorbikes: Lifeline of West Nile, Uganda

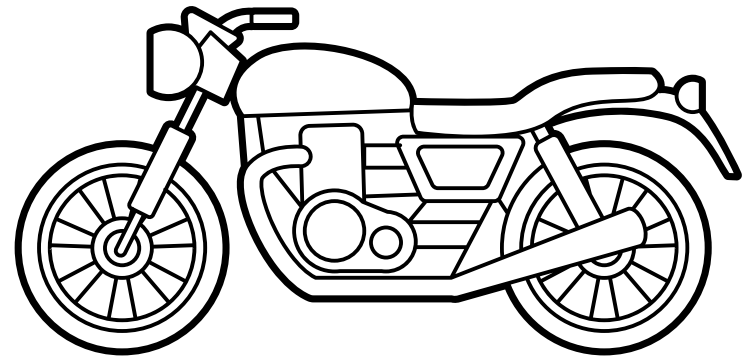


Boda Boda “Taxis” for Transportation



Aid Delivery

Motorbikes: Lifeline of West Nile, Uganda



Boda Boda “Taxis” for Transportation

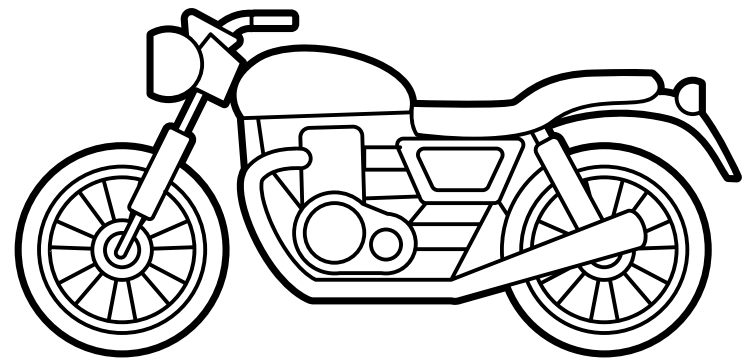


Aid Delivery



Major Source of Livelihood

Motorbikes: Lifeline of West Nile, Uganda



Boda Boda “Taxis” for Transportation



Aid Delivery

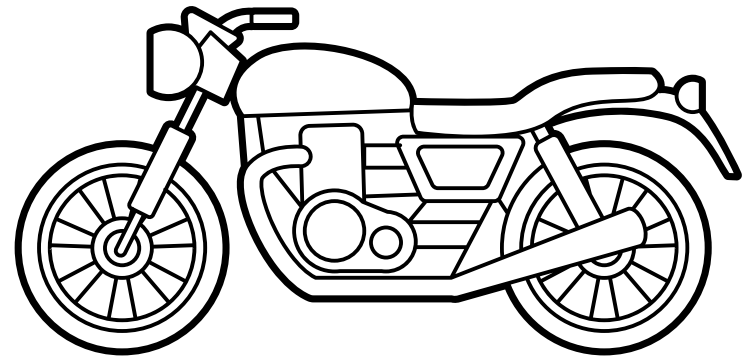


Major Source of Livelihood



Life Savings

Motorbikes: Lifeline of West Nile, Uganda



Boda Boda “Taxis” for Transportation



Aid Delivery



Major Source of Livelihood



Life Savings



Debt Trap

Motorbikes: More Context

Motorbikes: More Context

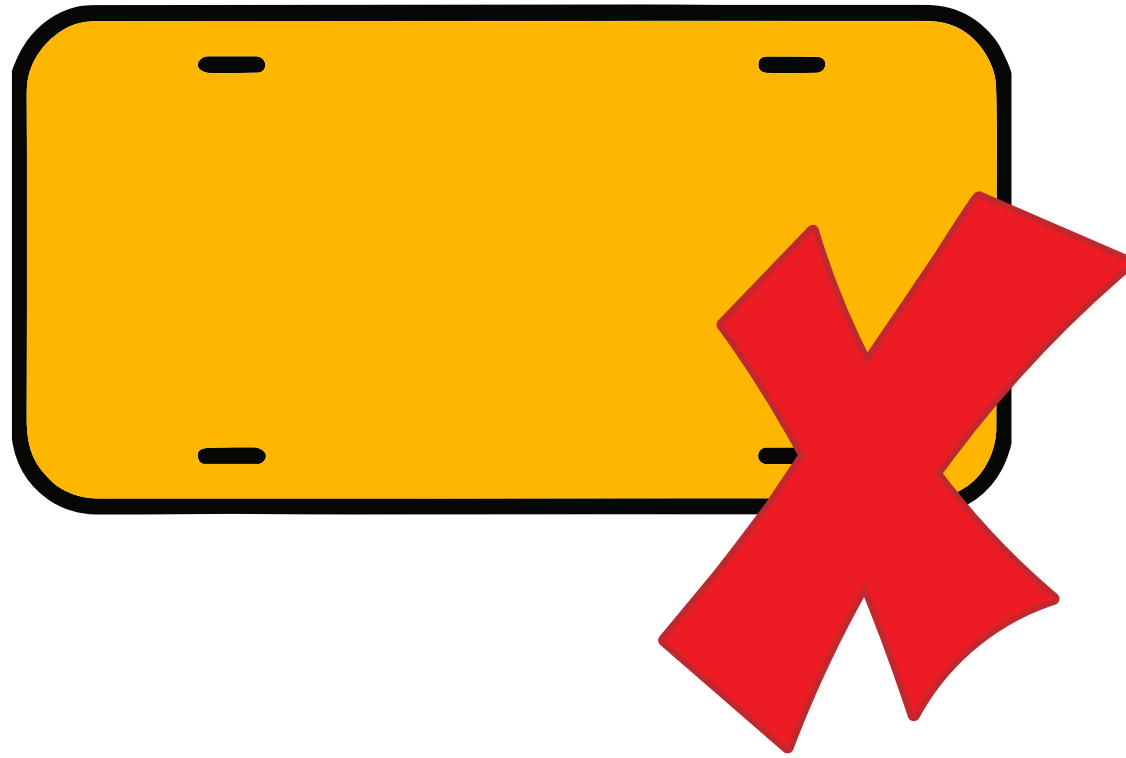


Purchased in DRC

Motorbikes: More Context



Purchased in DRC

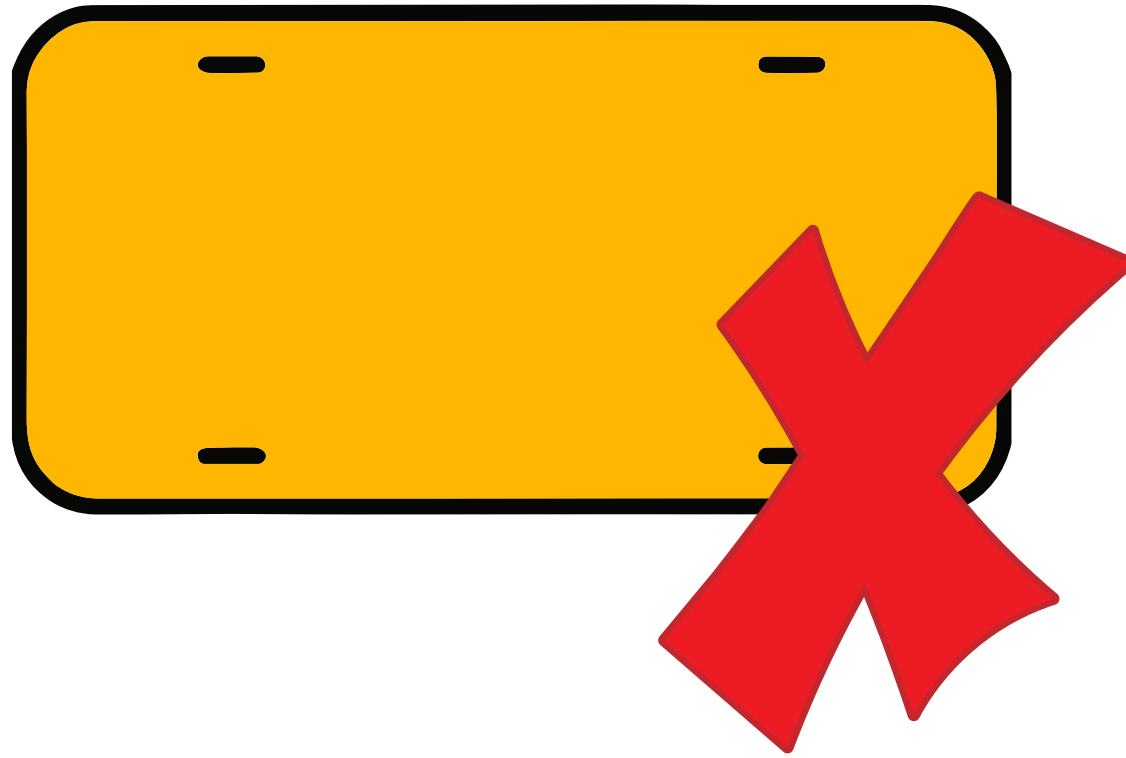


Bikes Not Registered

Motorbikes: More Context



Purchased in DRC



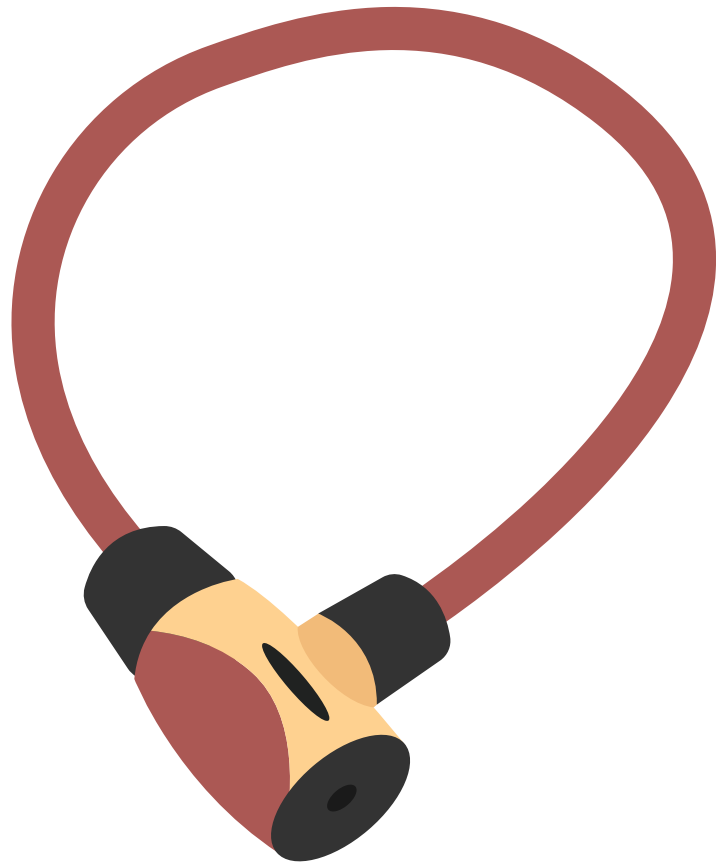
Bikes Not Registered



No Police Complaints

Alternatives

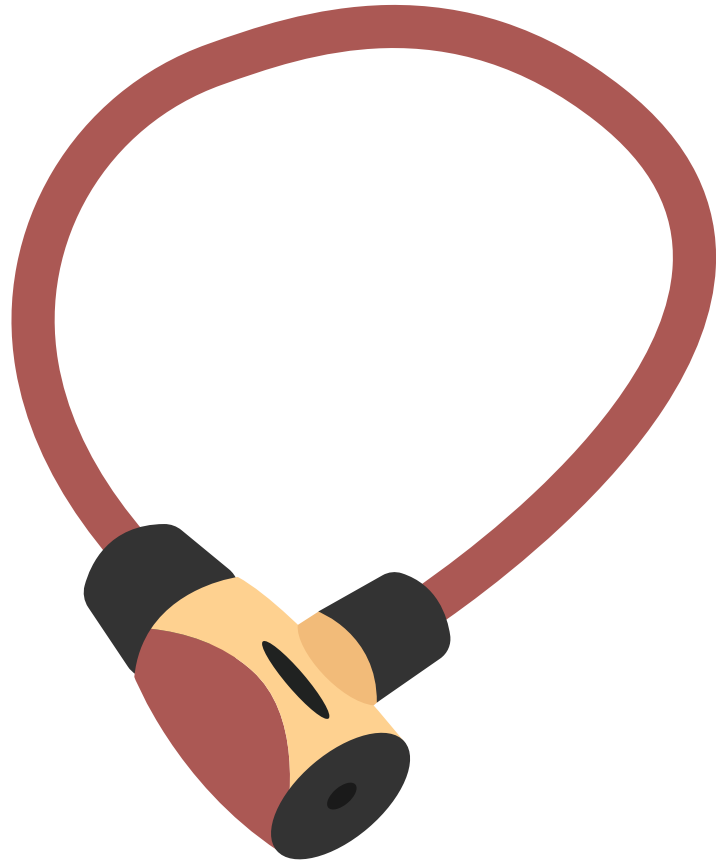
Alternatives



Buy Additional Lock
(Easily Breakable)

75,000 - 85,000 UGX

Alternatives



Buy Additional Lock
(Easily Breakable)

75,000 - 85,000 UGX



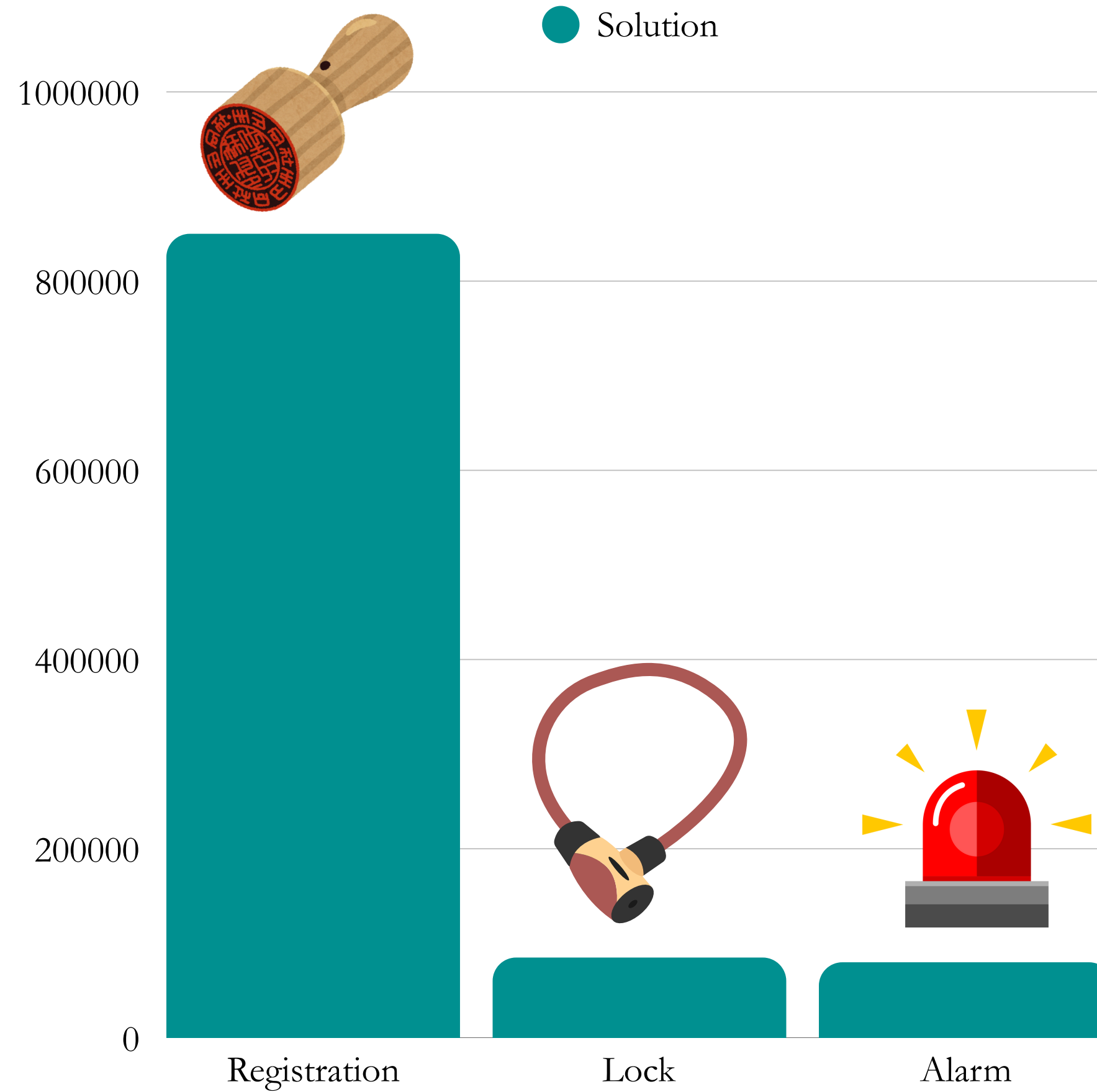
Register the Bike to Involve Police
(Not Preventive in Nature)

750,000 - 850,000 UGX

Our Price

80,000 UGX

Comparison



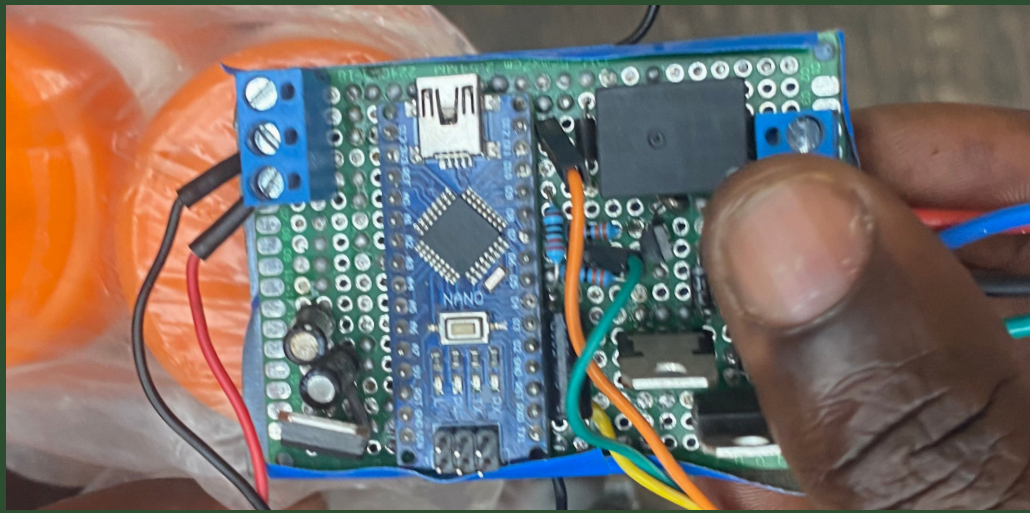
PATH Statement

In West Nile Region of Uganda, thousands of motorbikes are at risk of theft, affecting livelihood, business, transportation and aid delivery. Recovery is rare and there is an immediate need for preventing theft and tracking stolen motorbikes.

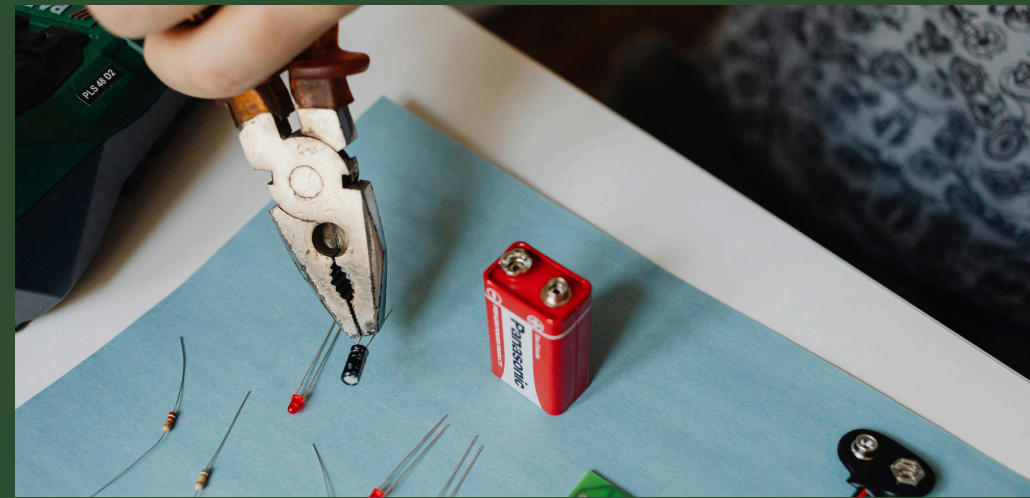
Organizations and *boda boda* users will use our durable, affordable and simple high-security alarm which triggers with contact. This will reduce theft and improve prosperity and security in the region.



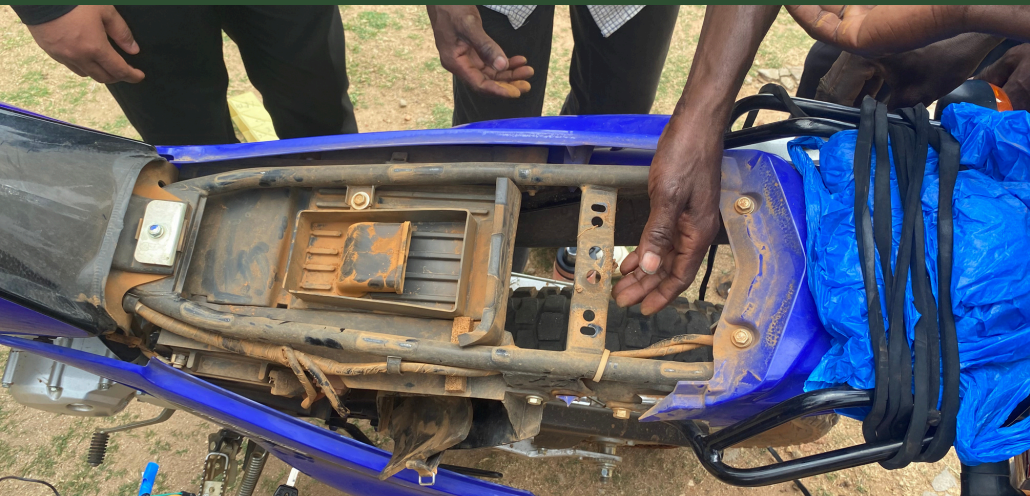
Summit Goals



Packaging



Power Options



Installation



Pricing

Simple

Durable

Affordable

Key Stakeholders

ALARM TEAM



BIKE OWNERS



NGO'S



Prototype Models

Prototype Models



Button

Prototype Models



Button



Remote

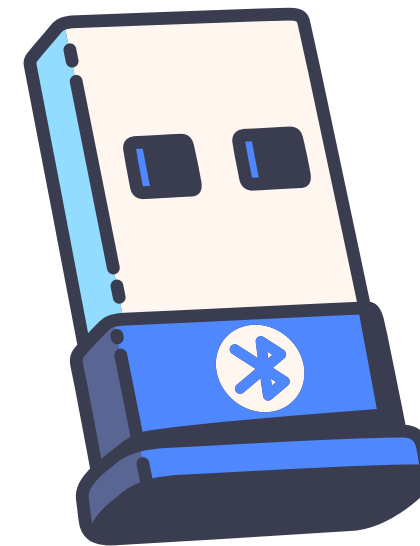
Prototype Models



Button



Remote



Bluetooth

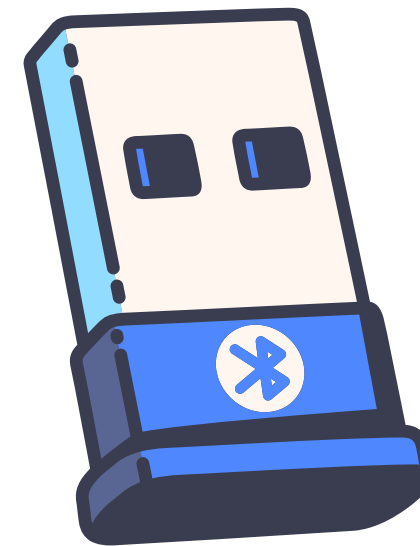
Prototype Models



Button



Remote

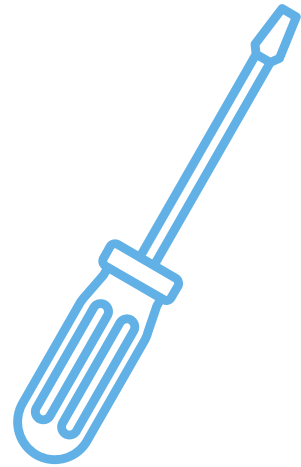
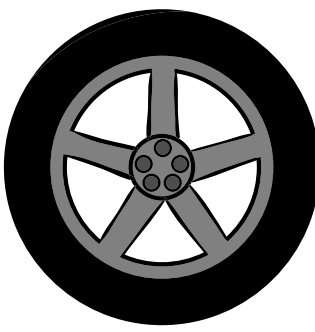


Bluetooth



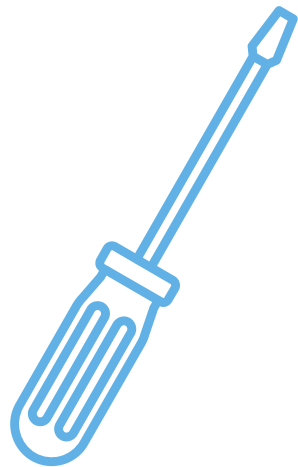
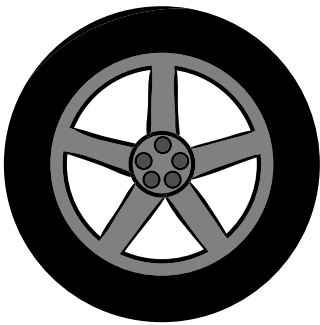
RFID

Milestones: **At the Summit**

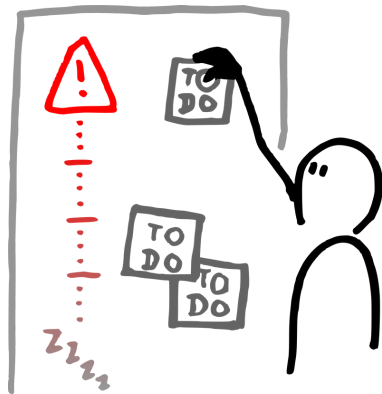


Completed 4 Different
Prototypes

Milestones: **At the Summit**

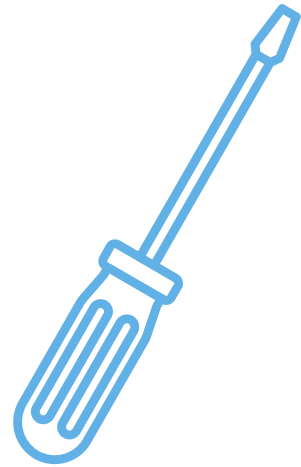
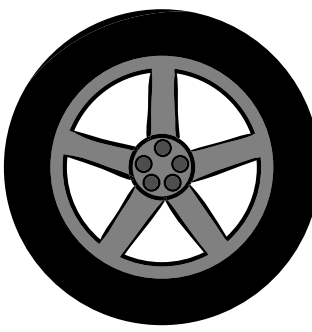


Completed 4 Different
Prototypes

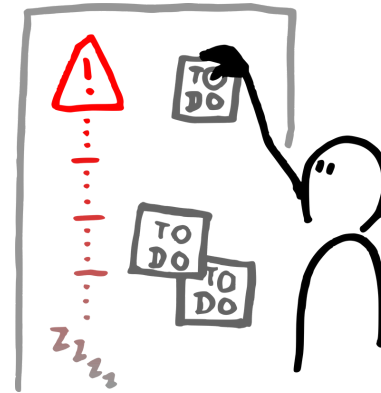


Need/Opportunity
Assessment

Milestones: At the Summit



Completed 4 Different
Prototypes

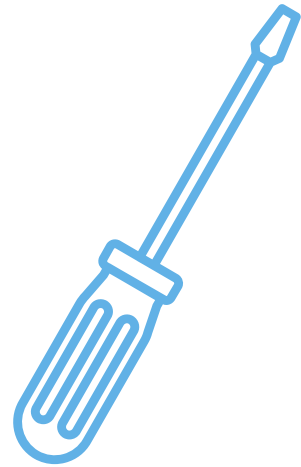
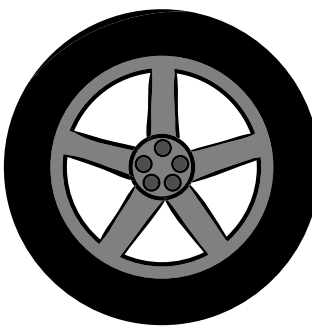


Need/Opportunity
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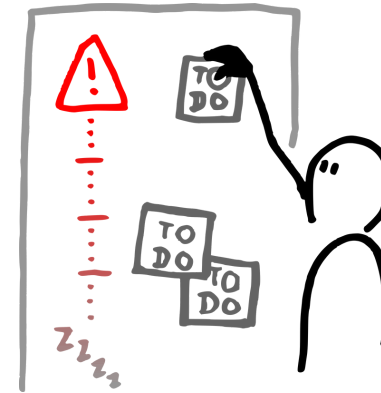


Initial Field Testing and
Feedback Generation

Milestones: At the Summit



Completed 4 Different
Prototypes



Need/Opportunity
Assessment

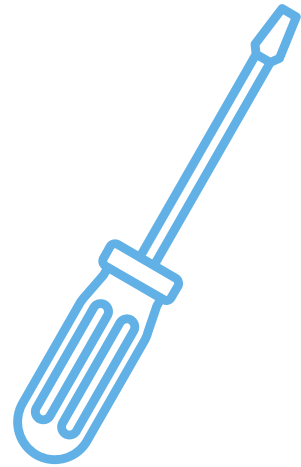
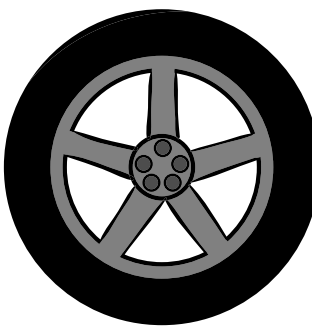


Initial Field Testing and
Feedback Generation



Conversations with potential
buyers - Individuals and Orgs

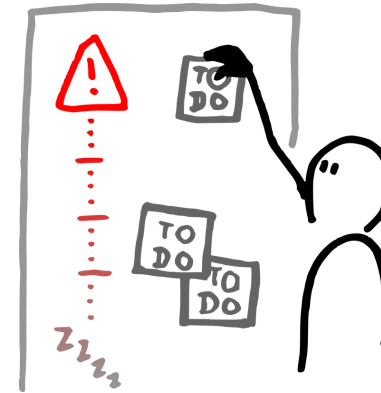
Milestones: At the Summit



Completed 4 Different
Prototypes



Conversations with potential
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Need/Opportunity
Assessment

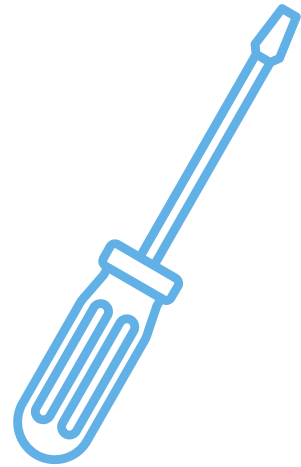
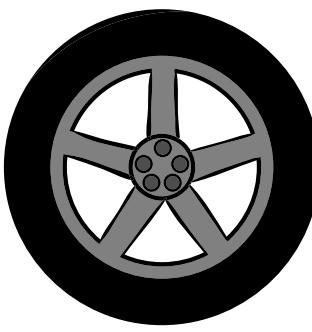


Alarm Packaging

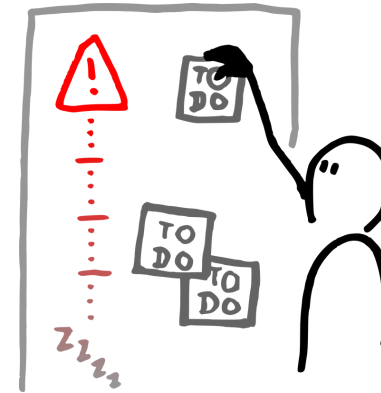


Initial Field Testing and
Feedback Generation

Milestones: At the Summit



Completed 4 Different
Prototypes



Need/Opportunity
Assessment



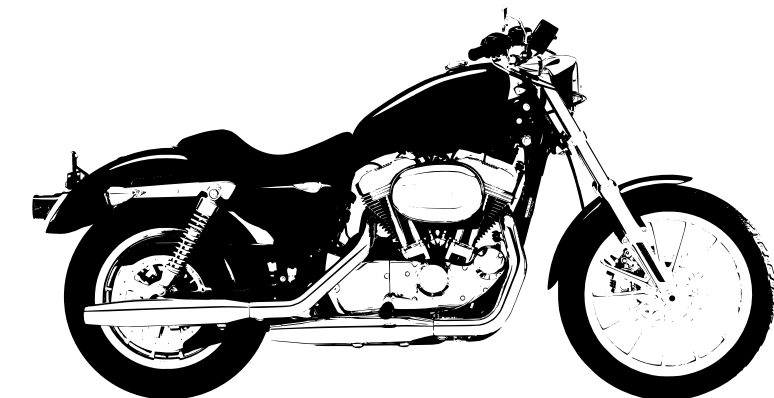
Initial Field Testing and
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Conversations with potential
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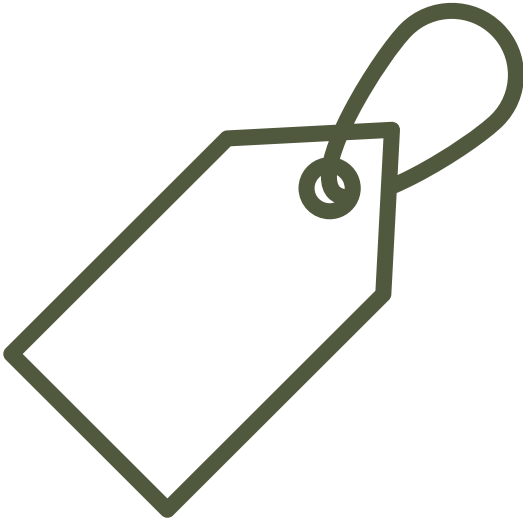
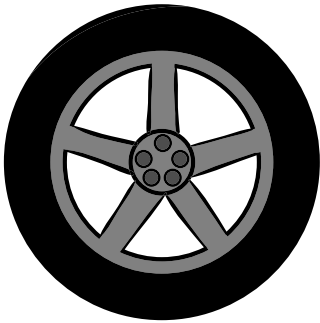


Alarm Packaging



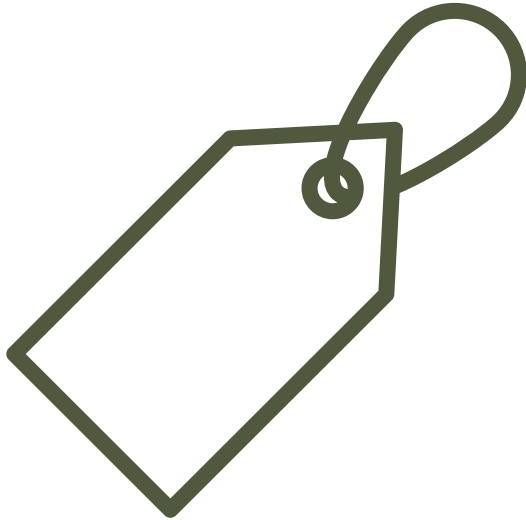
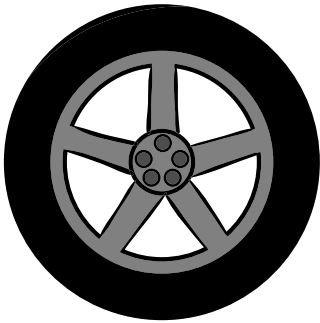
Alarm Placement & Installation

Milestones: **At the Summit**



Pricing

Milestones: **At the Summit**

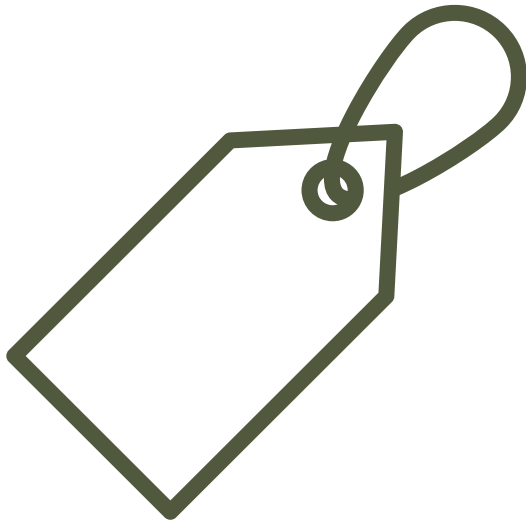
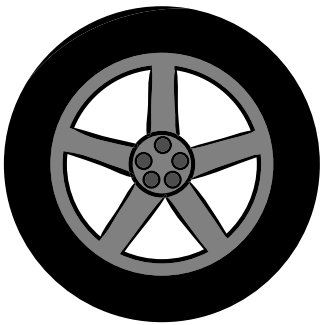


Pricing



Raw Materials/Supply Chain

Milestones: **At the Summit**



Pricing

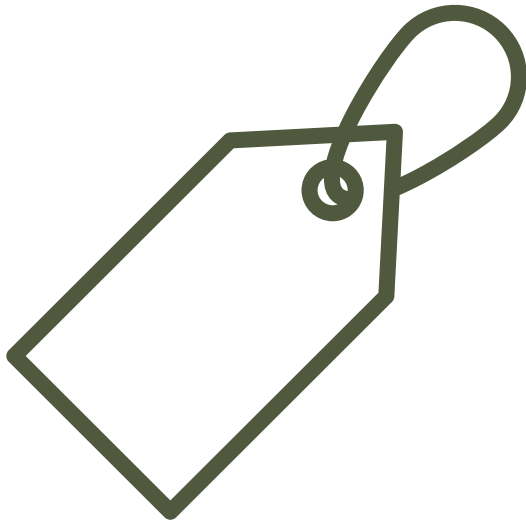
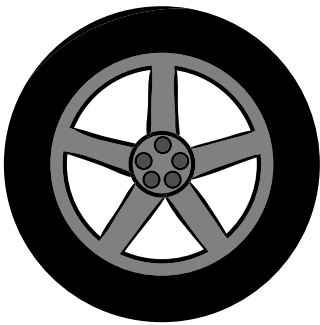


Raw Materials/Supply Chain



Iterations of the Design

Milestones: At the Summit



Pricing



Raw Materials/Supply Chain

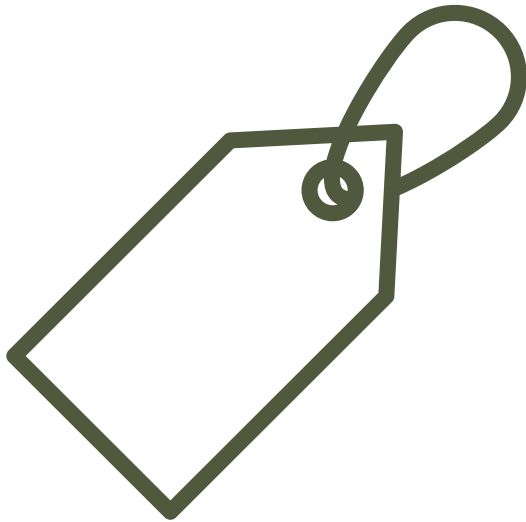
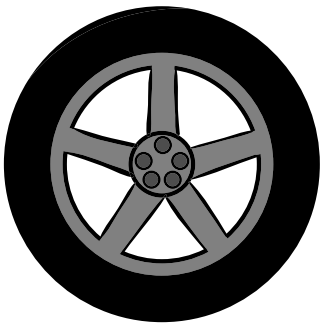


Iterations of the Design



Power Supply of the Alarm

Milestones: At the Summit



Pricing



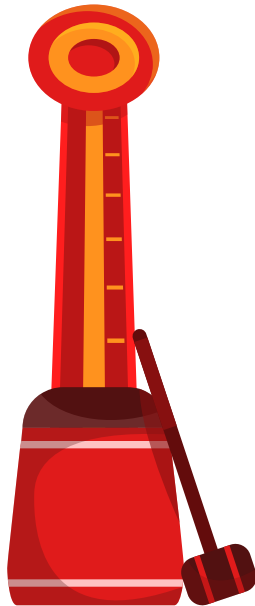
Raw Materials/Supply Chain



Iterations of the Design

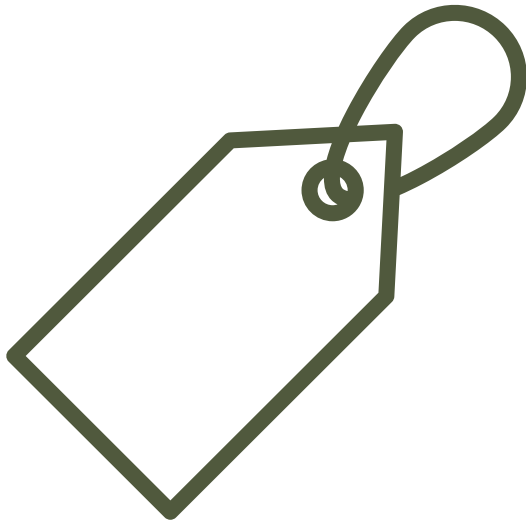
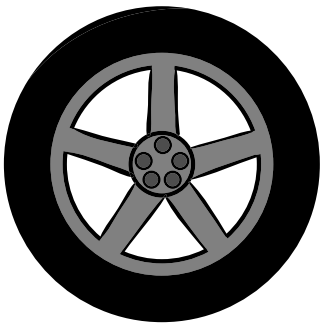


Power Supply of the Alarm



Strength Testing

Milestones: At the Summit



Pricing



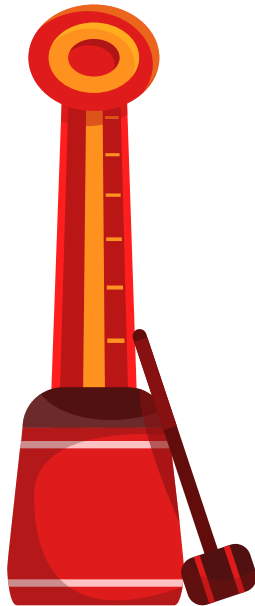
Raw Materials/Supply Chain



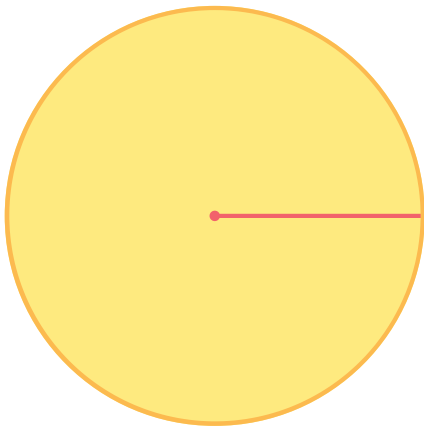
Iterations of the Design



Power Supply of the Alarm

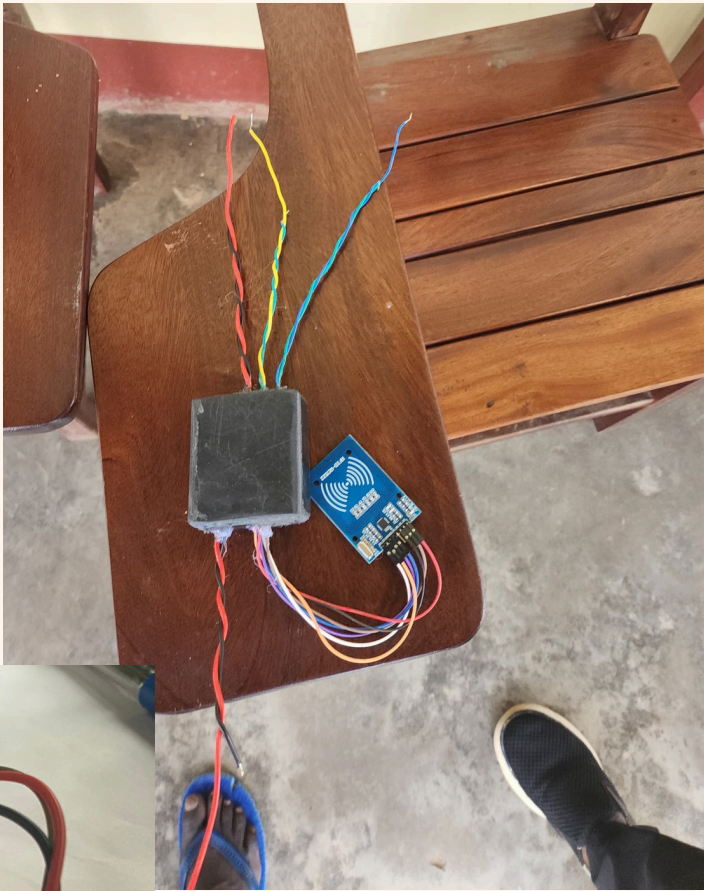
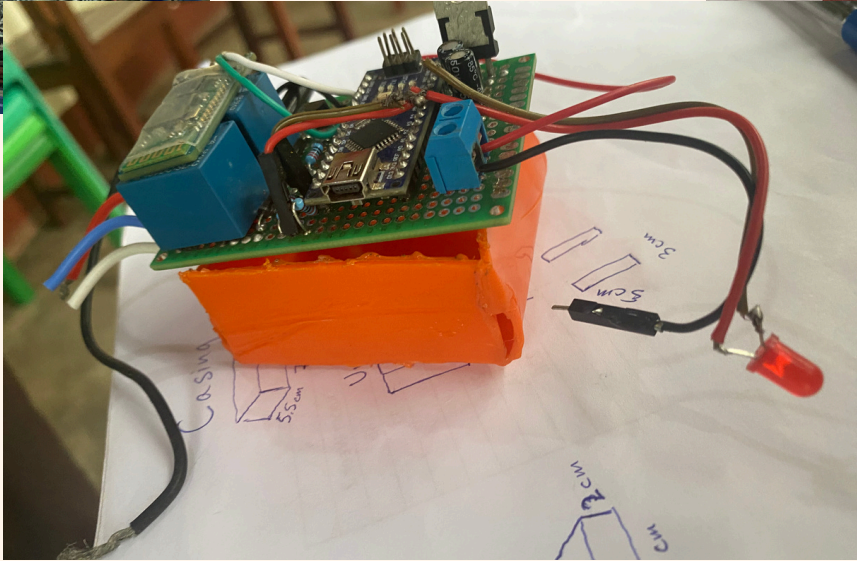
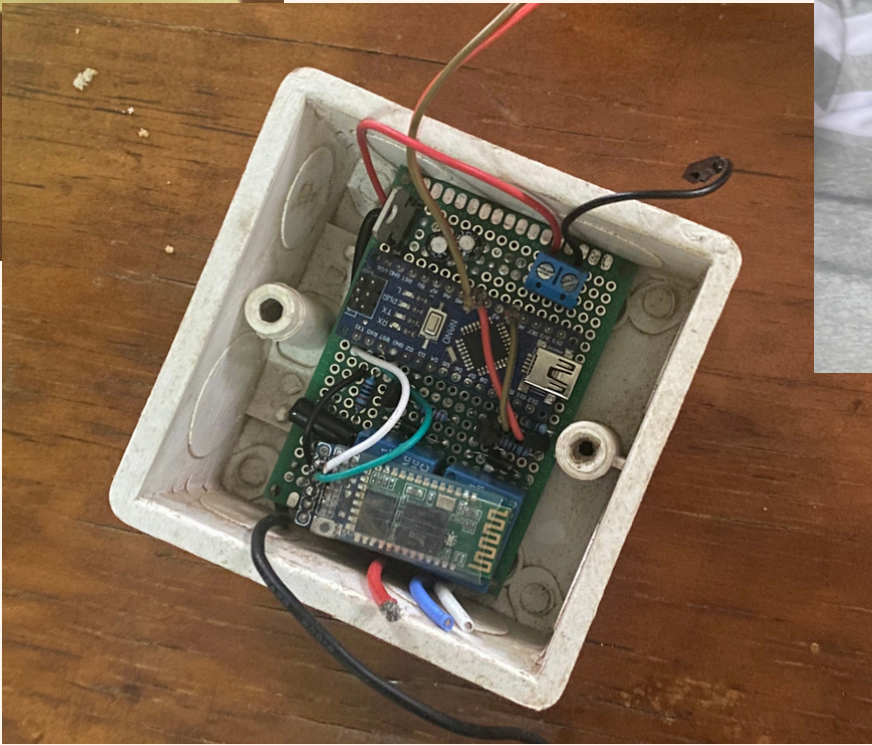
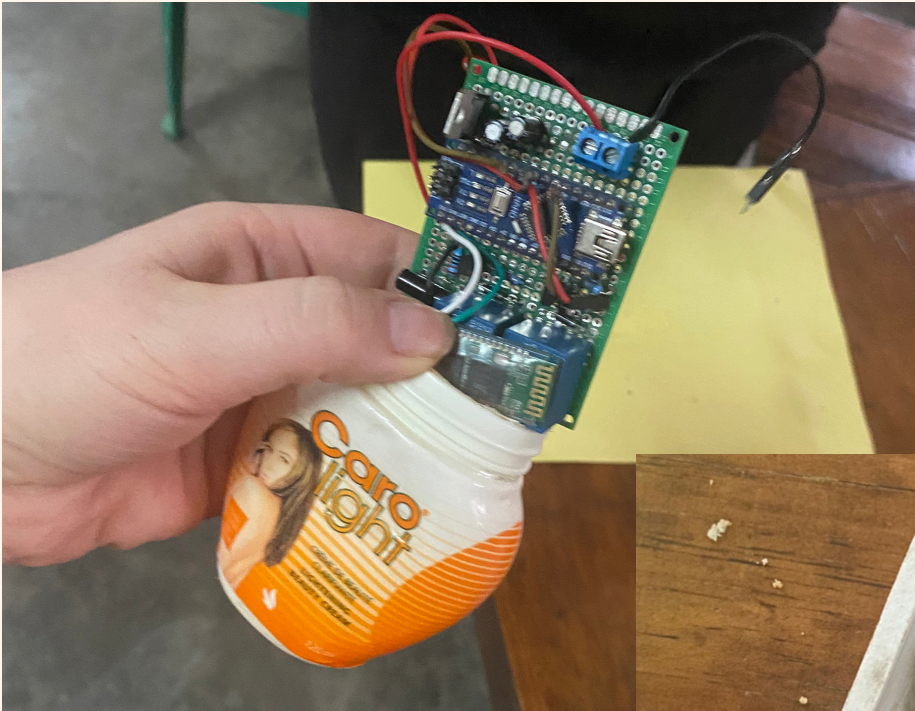


Strength Testing



Power Testing

Achievements: Packaging



Achievements: Installation

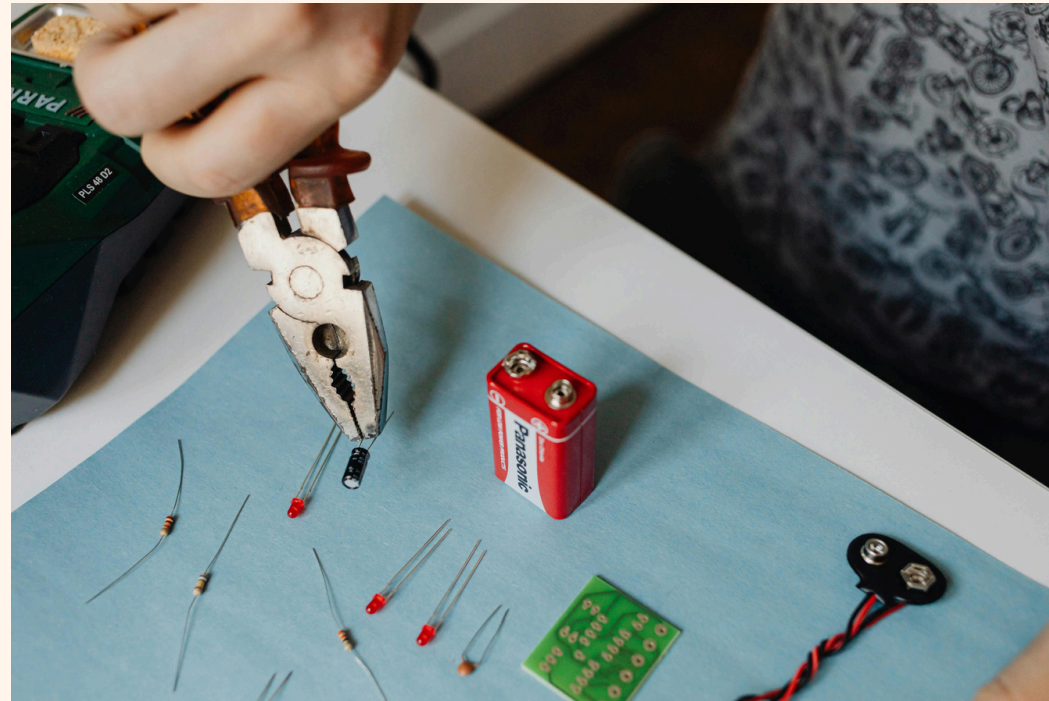


Tool Compartment



Under the Seat

Achievements: Power



- 5 V insufficient for siren
- 9 V audible +65 meters
- Some bikes have low battery

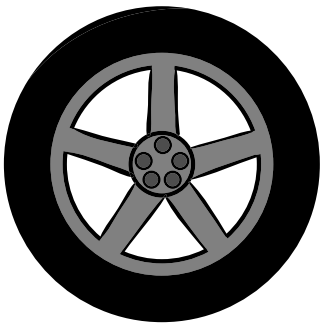


Achievements: Pricing

- Users said 80,000 shillings at most
- 200,000 shillings in instalments
- Button-Model Cost: 63,500 shillings
- Profit at 80,000: 16,500
- Profit per Hour of Labor: 6,600

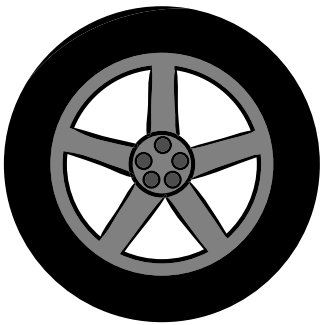


Milestones: **Post-Summit**



Pilot Testing to Stakeholders

Milestones: **Post-Summit**

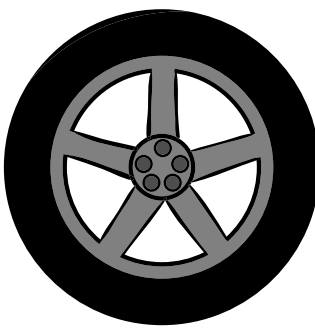


Pilot Testing to Stakeholders



Feedback Survey Generation

Milestones: **Post-Summit**



Pilot Testing to Stakeholders

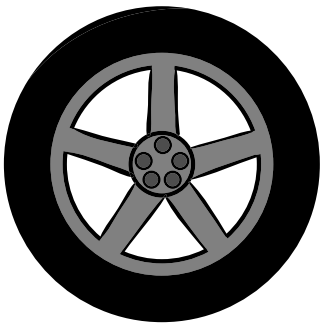


Feedback Survey Generation



Establishing Future Goals

Milestones: **Post-Summit**



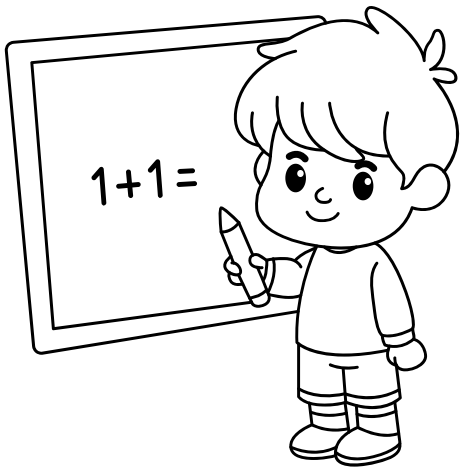
Pilot Testing to Stakeholders



Feedback Survey Generation

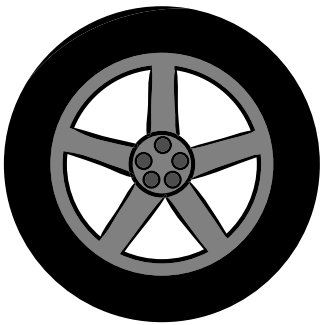


Establishing Future Goals



Profit Margins

Milestones: **Post-Summit**



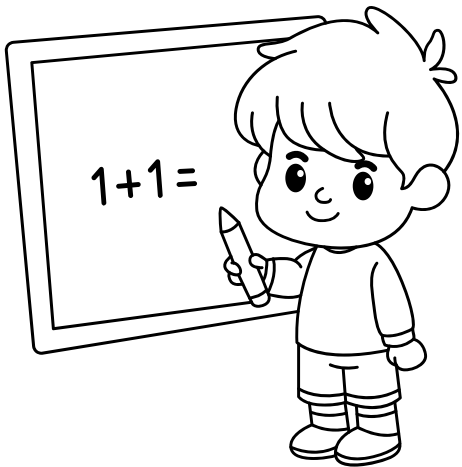
Pilot Testing to Stakeholders



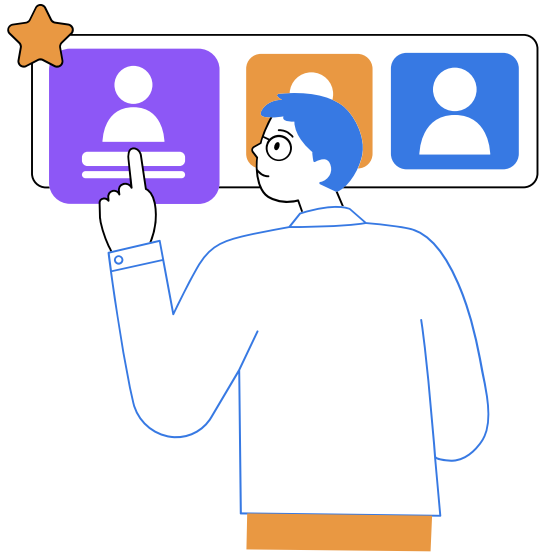
Feedback Survey Generation



Establishing Future Goals



Profit Margins



Team Coordination and Roles

Maker-Model Spectrum

Current Makers: Harrison, team

Future Makers: employees? Chinese PCB?

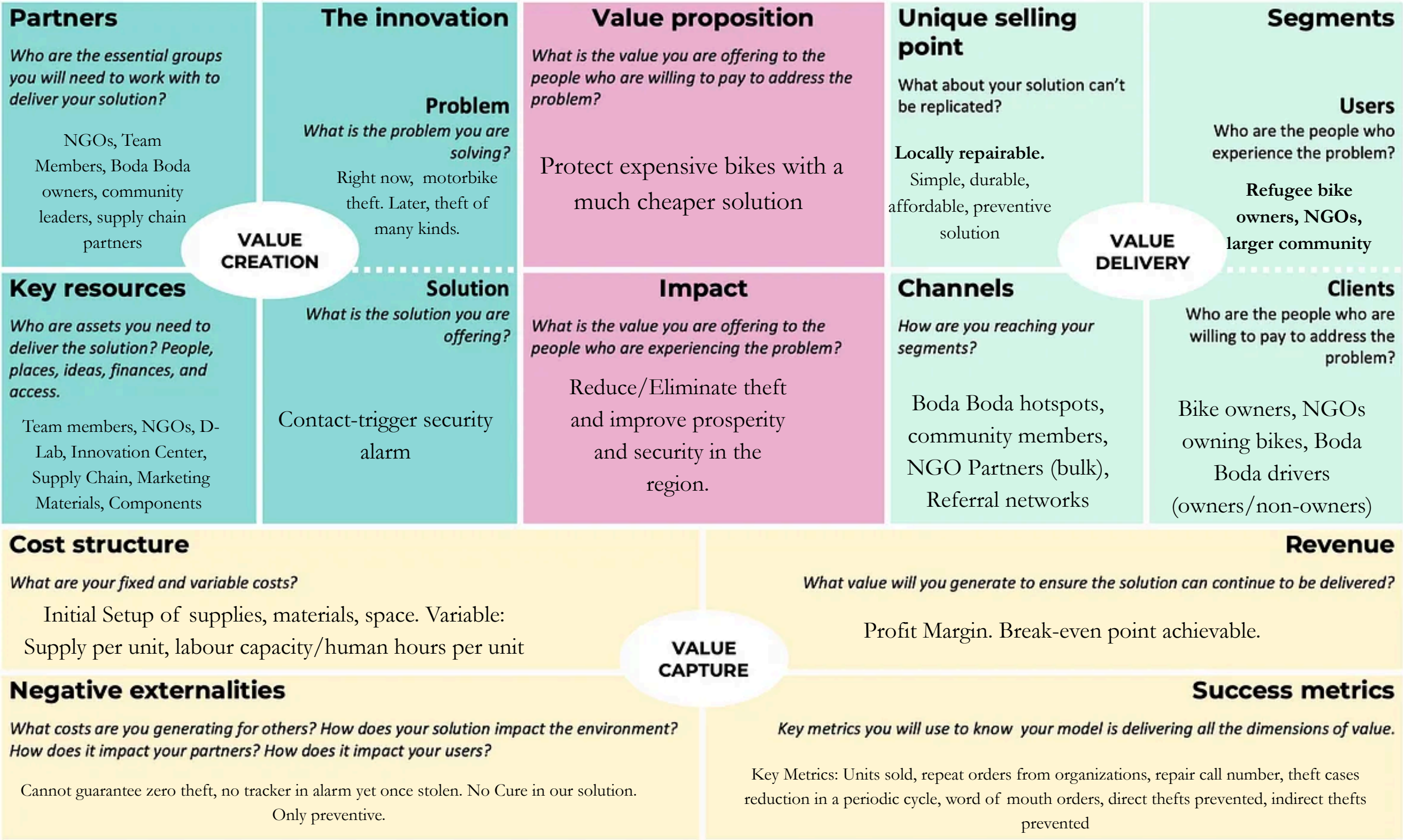
Current maker model



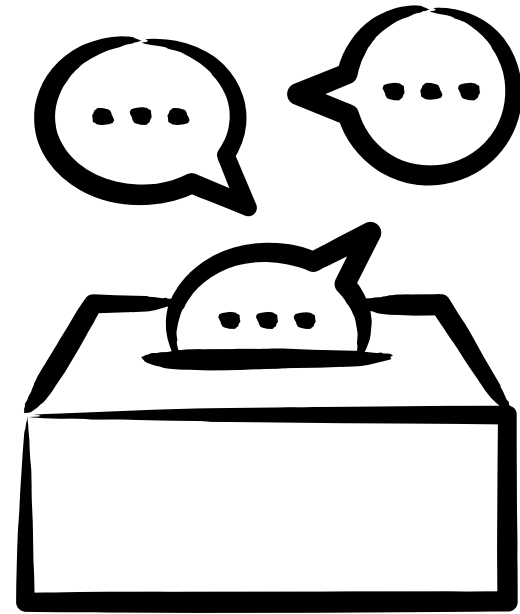
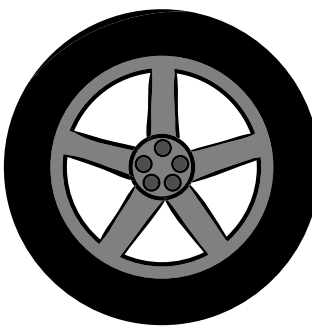
One maker making one million things

One million makers making one thing

Humanitarian Innovation Business Model Canvas



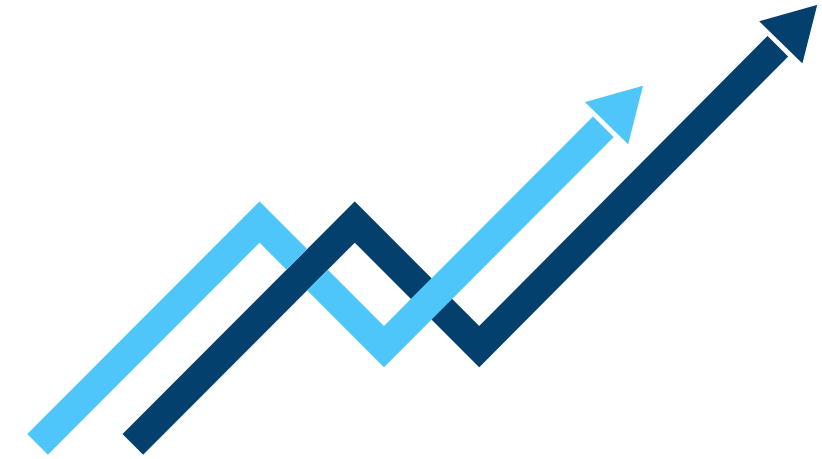
Future Goals



Collect Feedback on Prototypes



Build Local Outreach Team and
Stakeholder Network



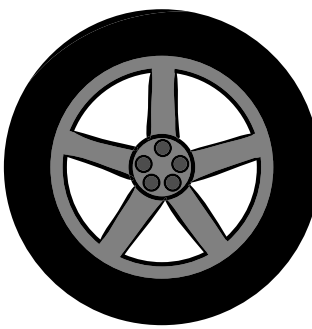
Business Development



Continued R&D



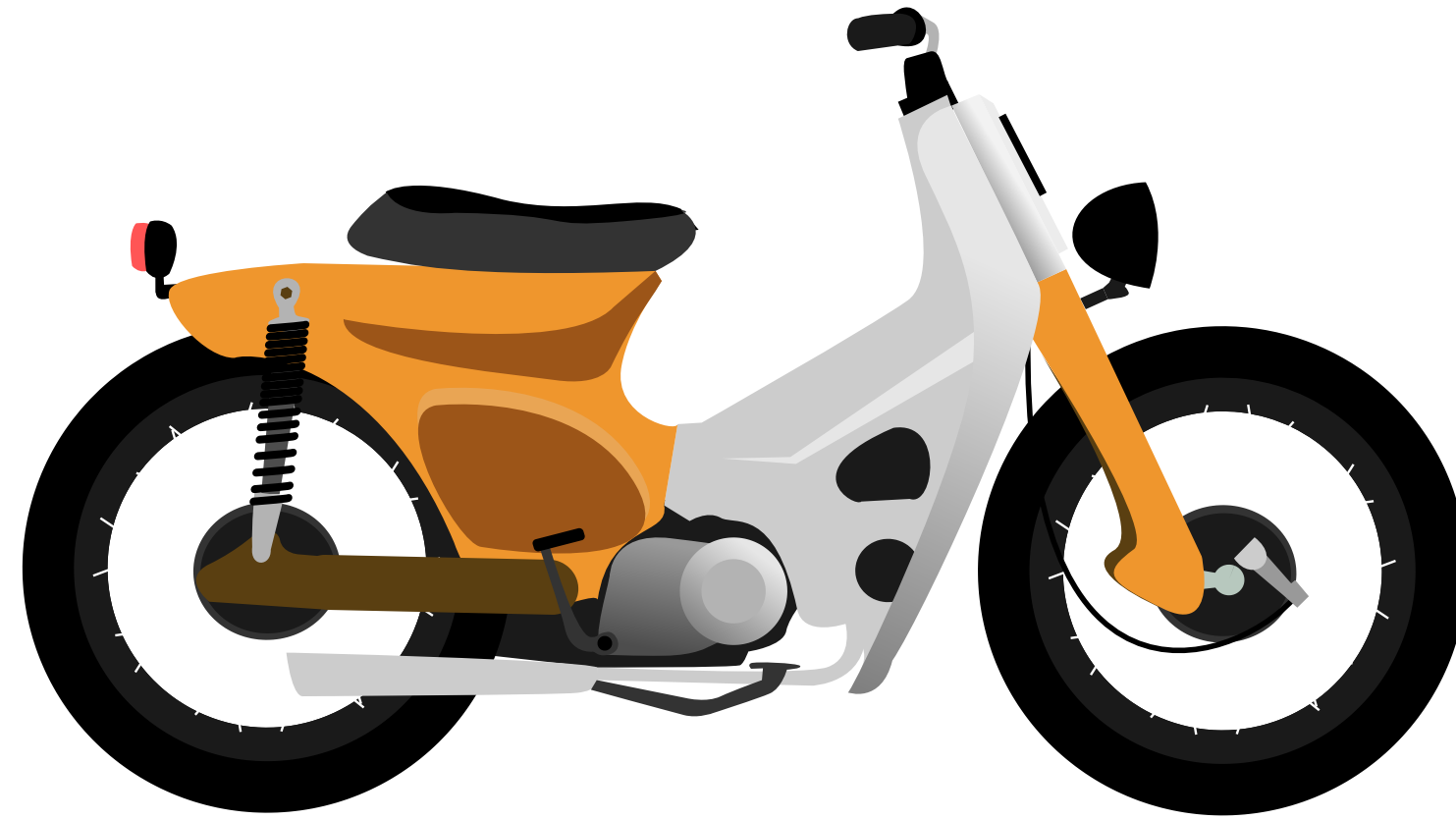
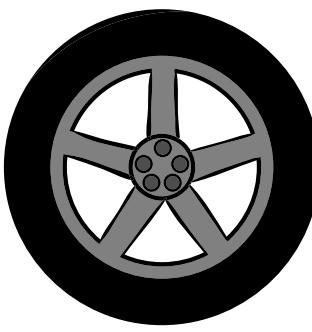
Build Use-Cases, Guides, Advertisements
& Marketing Campaigns



Detailed Documentation

Finally, even with a technically sound device, adoption depends on how well it's understood, trusted, and perceived by the community. Building this trust takes time, local partnership, continued listening and iterations.

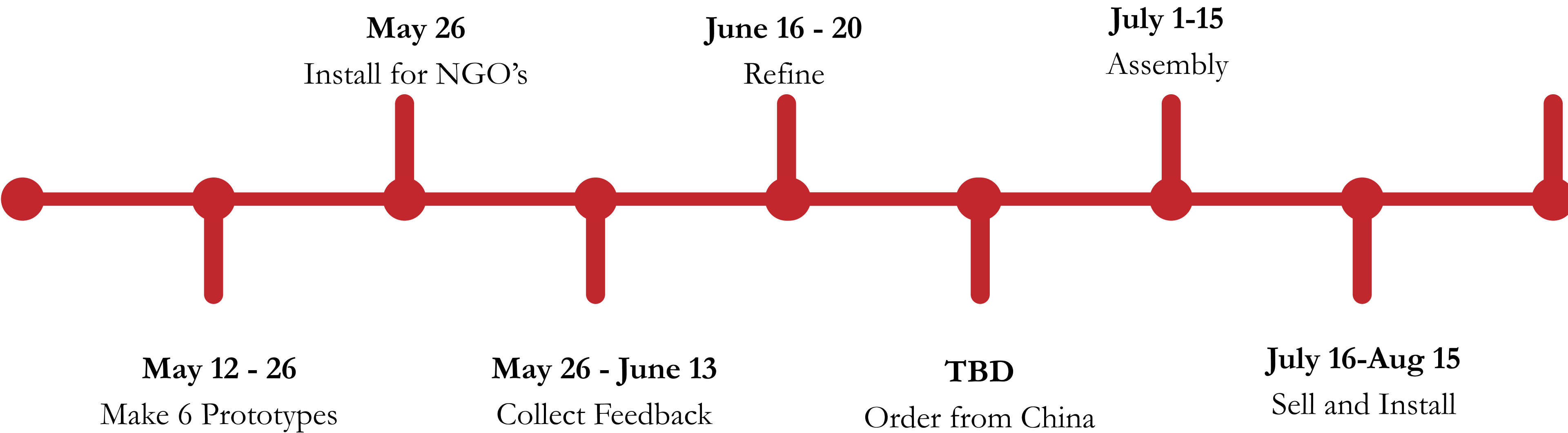
What's Next?



The Future

Create a detailed post-semester plan that outlines responsibilities, checkpoints, and potential support structures for the next few months to ensure continuity and prevent the project from losing momentum once the course ends.

Direct Next Steps









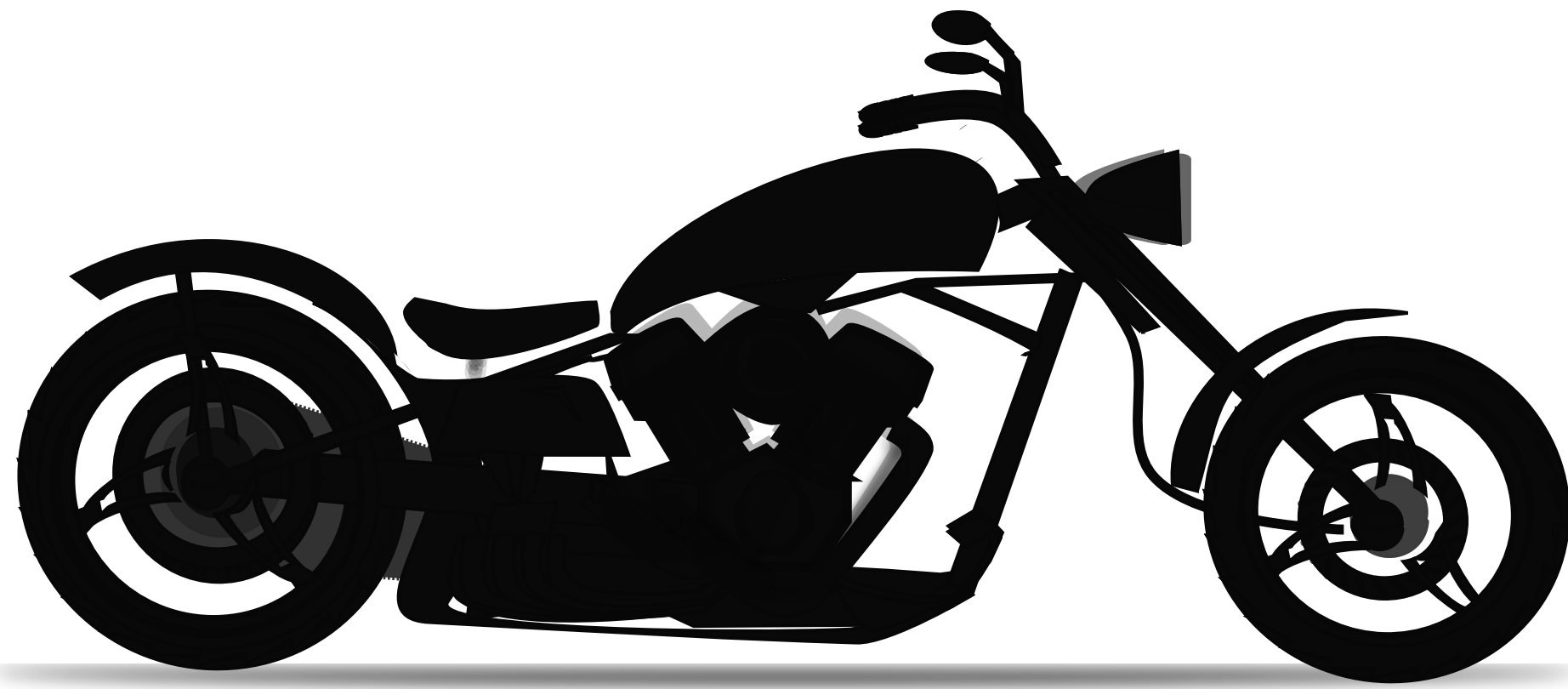












THANK
YOU