Team 12
Iron Man
Designing an Improved Running Cart
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The Team

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Outline

• New and re-defined project objectives
• Deliverables
• New customer contacts
• Design status and alternatives
• Design Norms
• Obstacles
• Questions
Project Objectives:
To design an improved running cart

- Low cost (emphasised)
- Light-weight
- Collapsible (secondary)
- Quick-change wheels (secondary)
- Easy to enter/exit for passenger
- Easy to maneuver for runner
Team Deliverables

- Working and tested prototype
- Final design report
New Resources and Contacts

- HisWheels
- Becky Van Zanen
- myTEAM TRIUMPH
Design Status and Alternatives

- Design options defined
  - Collapse design options
  - Ease of entry/exit integration

- Frame material
  - Steel
  - Aluminum

- Front wheel(s)
  - Entry/exit interference
  - Maneuverability
Design Norms

- Love
- Caring
- Justice
Obstacles

- Budget
- Rigid yet flexible design
References
Questions