Project Deliverable # C: Problem Statement & Target Metrics

Introduction to Product Development and Management for Engineers

GNG 2101 Faculty of Engineering University of Ottawa Fall 2016

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Objective:

Develop a problem statement and define a list of target metrics which can be used in the development of your product.

Instructions:

Based on the team's defined end-user needs, teams will define a problem statement (short, specific and sexy), perform product benchmarking (existing product research) and determine a target range of product metrics (range of reasonable product attributes) such as minimum or maximum weight, speed, dimensions, etc. This will aid the individual solution generation and provide measurable design goals for the end product to fulfill. Ensure that each identified need has at least **one** metric which can be used to measure different solutions' ability to satisfy the need. More metrics are always better than less. The mountain bike fork example can be used as a guide. Reflect on and how the end-user meeting impacted the problem statement and metric definition process. This should be a maximum of 5 pages.

Submission:

Submit this deliverable as a document in pdf format by uploading the attachment into Blackboard.

Due Date:

See Blackboard.