**Design Worksheet Template**

**TEAM: Delivery Robot**

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**Design worksheet:**

1. **Customer background**

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1. **Problem statement and constraints**

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1. **Specifications**

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**Table 1: Specifications and project objectives inherited from problem statement**

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| **Problem statement element (customer cares)** | **Project objective (engineering team cares)** | **Specification (engineering team cares)** |
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1. **References**

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1. **Proposed solution**
   1. **Design**
   2. **Justification**
   3. **Analysis**

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1. **Testing**
   1. **Simulation**
   2. **Preliminary experiment**
   3. **Plans for fabricated solution**

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1. **Conclusion**
   1. **Does your design meet specifications?**

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**Table 2: Specifications versus achieved performance**

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| **Specification** | **Desired** | **Achieved** | **How was it demonstrated?** |
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* 1. **Does your design solve the initial problem?**

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**Table 3: Specifications and project objectives inherited from problem statement**

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| **Problem statement element (customer cares)** | **Project objective (engineering team cares)** | **Specification met? (engineering team cares)** | **Remaining work (customer cares)** |
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*Last modified: 09/03/20 lkr*