ELG4139 **D**esign/**B**uild Project Proposal

**Proposed Title of the Project:**

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**Team Members:**

|  |  |
| --- | --- |
| **Name** | **Email** |
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**TA Supervisor:**

|  |  |
| --- | --- |
| **Name** | **Email** |
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Engineering design is the application of math, science and engineering principles to the creation and development of systems components and processes.

**Project Details and Brief Design**

**Problem Statement**

Clearly and concisely identify the problem.

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**Design Build Statement**

The design statement is challenging; it is about taking action to address the need and to solve the problem. It must specify the degree to which you will carry out the solution. The design statement may also contain an underlying theme or very important constraint.

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**Constraints**

These are guidelines that must be followed. Examples include time, budget, aesthetics, codes, safety, and physical attributes.

|  |  |
| --- | --- |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |
| 6 |  |
| 7 |  |

**Generated Concept**

Brainstorming and preliminary sketches

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**Deliverables by Third Week of October, 2017:**

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| --- | --- |
| **Item** | **YES or NO** |
| Prototype |  |
| Presentation |  |
| Demonstration of Prototype |  |
| Video |  |

**Required Facilities**

|  |  |
| --- | --- |
| **1** |  |
| **2** |  |
| **3** |  |
| **4** |  |

**Knowledge Areas and Simulation Tools Needed for Project**

|  |  |
| --- | --- |
| **1** |  |
| **2** |  |
| **3** |  |
| **4** |  |

**Estimated Budget**

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| --- | --- |
| **Item** | **Cost** |
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**Entrepreneurship Theme**

Identify the entrepreneurial potential of this project**.**

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