



TEAM _____

PORTFOLIO CHECKLIST

(Insert as Index in your portfolio)

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| Page | Describe context and restate the problem |
| Page | List team members and their responsibilities |
| Page | At least three sketches of initial design concepts for the device |
| Page | Materials list for the device |
| Page | Description of the principles of structural strength and stability |
| Page | Rationales for type of fluid power used and syringe placement |
| Page | Orthographic drawing of structural components of the device (preferably with dimensions and construction notes) |
| Page | Isometric drawing of at least a portion of the device |
| Page | Possible alternative materials |
| Page | Evaluation of prototype including conclusions from making it |