

# ACTION ITEMS

## TEAM: 3-IRS

Due Date:

Monday, February 11, 2019 5:30pm

The following are the Action Items from last week:

### Team Member: Husain Alsaffar

Action Item	Date Due	Date Completed	Result/Proof of Completion
Test torque	02/11/19	02/11/19	Testing torque needed to power the generator using weights
Assist Derek w/ testing generator	02/5/19	02/05/19	Tested using stepper motor and oscilloscope

### Team Member: Casi Garcia

Action Item	Date Due	Date Completed	Result/Proof of Completion
Assist Derek w/ Testing Generator	02/05/19	02/05/19	Tested generator with stepper motor hooked up to oscilloscope
Assist Derek w/ acquiring initial electrical components	02/11/19	02/11/19	Met with Dr. Sharber and collected initial electrical components
Assist Husain w/ testing torque	02/11/19	02/11/19	Met @ machine shop to measure torque of generator

## Team Member: Derek Pacheco

Action Item	Date Due	Date Completed	Result/Proof of Completion
Test Generator	02/05/2019	02/05/2019	Tested generator with stepper motor hooked up to oscilloscope.
Place order for large stepper motor	02/11/2019	02/11/2019	Yellow form filled out by team and advisor
Acquire electrical components	02/11/2019	02/11/2019	Met with Dr. Sharber and collected initial electrical components

## Team Member: Nicholas Schulz

Action Item	Date Due	Date Completed	Result/Proof of Completion
Update CAD Package (Chair)	02/11/19	02/11/19	All critical pieces of the chair needed for build dimensioning are complete.
Assist Derek with Generator characterization	02/05/19	02/05/19	Tested generator with stepper motor hooked up to oscilloscope.
Identify materials needed to build the electrical housing/ phone cable box.	02/08/19	02/08/19	Material(s) identified.

The following are the Action Items for next week:

Team Member	Action Items	Date Due
Husain Alsaffar	<ol style="list-style-type: none"> <li>1. Assist Derek with charger testing</li> <li>2. Research modified shaft material and size</li> </ol>	<ol style="list-style-type: none"> <li>1. 02/15/19</li> <li>2. 02/15/19</li> </ol>
Casi Garcia	<ol style="list-style-type: none"> <li>1. Complete noncritical chair pieces (arms and back)</li> <li>2. Assist Derek with charger testing</li> <li>3. Continuation of report edits</li> </ol>	<ol style="list-style-type: none"> <li>1. 02/15/19</li> <li>2. 02/15/19</li> <li>3. 03/01/19</li> </ol>
Derek Pacheco	<ol style="list-style-type: none"> <li>1. Setting up electrical circuit and getting it checked by Professor Sharber</li> <li>2. Test cell phone on charger</li> </ol>	<ol style="list-style-type: none"> <li>1. 02/15/19</li> <li>2. 02/15/19</li> </ol>
Nicholas Schulz	<ol style="list-style-type: none"> <li>1. Identify bearings needed for new shaft assembly</li> <li>2. Begin Analytical Analysis (FEA analysis of chair base with press fitted bearings)</li> <li>3. Assist Derek with electrical circuit and testing</li> </ol>	<ol style="list-style-type: none"> <li>1. 02/13/19</li> <li>2. 02/15/19</li> <li>3. 02/15/19</li> </ol>