

Original Work Log

	Date	Hours	Description of Work Completed
	11/17/2017	2	Completed Original Work Proposal
	12/6/2017	2	Worked in Autodesk Inventor, brainstorming ideas
	12/9/2017	0.5	Searched for CNC and 3D printing services in DFW area
	12/10/2017	0.5	Brainstorming
	12/11/2017	1	Testing designs in Inventor as well as more web searches
	12/26/2017	2	Testing more designs in Inventor, Brainstorming
	12/28/2017	1	Brainstorming
	1/3/2018	0.5	Contacted several CNC and 3D printing services for quoting
	1/3/2018	0.5	Research on ideal designs for CNC and 3D printing as well as services and pricing
	1/5/2018	0.5	Testing designs involving tolerances and moving parts in Inventor
	1/9/2018	2	Printed some "print-in-place" hinges on 3D printer and revised tolerances to facilitate smoother motion
	1/10/2018	2	Reprinted revised tolerance model
	1/15/2018	4	Completed primary CAD model for original work involving mechanical systems as well as CNC machined parts
	1/16/2018	2	3D printed parts identical to those which were CNC'd
	1/20/2018	2	Compared properties of CNC and 3D printed parts, measured dimensions using calipers, compared to CAD model, focused on certain features such as weight, appearance, cost
	TOTAL	22.5	