

APPENDIX 1. PROJECT PRODUCTION TIMELINES																
	1h	2h	3h	4h	5h	6h	7h	8h	9h							
<b>Glare Acuity Tester</b>																
Version 1 Design	Notes: designed from scratch , much smaller than the final version															
	Print 1	Material Use (Cost estimate): 2.82 meters (\$0.14 USD)														
		Version 2 Notes: enlarged bowl, less material in the stand, fits Heine transilluminator														
<b>Disposable Pinhole Cover Paddle</b>																
		P2	4.92 m (\$0.25)													
V1	Notes: designed from scratch															
	P1	0.64 m (\$0.03)														
		V2	Notes: modified pinhole sizes / width set to average PD													
		P2	1.29 m (\$0.06)													
			V3	Notes: thinned the cross bar for efficiency on a single use product												
			P3	0.64 m (\$0.03)												
<b>Ophthalmic Equipment Repair</b>																
V1	Notes: designed from scratch															
	P1	0.62 m (\$0.003)														
		V2	Notes: idened to allow for more support on the clear plastic cover													
		P2	1.92 m (\$0.41)													
			V3	Notes: based on an existing nut and washer cover set online												
			P3	0.62 m (\$0.03)												
<b>Lens Thickness Caliper</b>																
V1	Notes: heavily based on an existing Vernier caliper, added clamp only															
	P1	Note: much longer printer time due to fine detail in the vernier scale														
									8.19 m (\$0.41)							
<b>NoIR Filter Lens Blank Flipper</b>																
V1	Notes: designed from scratch, not big enough, single lens holder test print															
	P1	2.5 m (\$0.13)														
		V2	Notes: larger, added hole for the tab on the lenses, single test print													
		P2	2.23 m (\$0.11)													
			V3	Notes: full print holding 8 NOIR lens blanks total in a flipping format												
			P3	Note: long print time due to item size												
									13.32 m (\$0.67)							
<b>Optivisor Faceplate</b>																
V1	Notes: initial deisgn by GH, when printed was too thin to support use															
	P1	4.42 m (\$0.22)														
		V2	Notes: reinforced, although some additions were in places affecting install													
		P2	5.89 m (\$0.29)													
<b>EasyPocket ID Lanyard Holder</b>																
V1	Notes: loosely based on a wallet credit card holder, magnifier holder only															
	P1	5.19 m (\$0.26)														
		V2	Notes: added ability to hold manifier and ID card / Credit Card													
		P2	8.5													

Note: each grid square represents a ten-minute increment of time