Category	Task Title		Task Owner	Wk of 1/28	Wk of 2/4	Wk of 2/11	Wk of 2/18	Wk of 2/25	Wk of 3/3	Wk of 3/10	Wk of 3/17	Wk 3/24	Wk 3/31	Wk of 4/7	Wk of 4/14	Wk of 4/21	Wk of 4/28	Wk of 5/5
				S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
Slack	** slack **	Not started	Everyone															
Course	Choose materials/parts to purchase	Done	Everyone															
Course	Order materials	Done	Everyone															
ML/CV	Learn OpenCV for Eye/Face tracking	Done	Olivia															
Software	Integrate camera with OpenCV	Done	Olivia															
ML/CV	OpenCV facial landmark tracking	Done	Olivia															
Software	Python for facial landmark analysis	Done	Olivia															
Software	Motor position computation	Done	Olivia															
Software	Test for height/angle computations	Done	Olivia															
Slack																		
ML/CV	Learn OpenCV for Posture Detection	Done	Sebastian															
Software	Integrate camera with OpenCV	Done	Sebastian															
ML/CV	OpenCV posture recognition	Done	Sebastian															
ML/CV	Categorize posture types	Done	Sebastian															
Software	Posture recognition data computation	Not started	Sebastian															
Software	Testing for posture recognition	Not started	Sebastian															
Hardware	Research about stand	Done	Sebastian															
Slack																		
Mechanical	Design stand's raising mechanism	Done	Everyone															
Mechanical	Design stand's angle mechanism	Done	Everyone															
Firmware	Code for motor control via Arduino	In progress	Mary Rose															
Mechanical	Put together stand	Done	Sebastian															
Slack	** slack **																	
Firmware	Motor arduino code	Done	Mary Rose															
Hardware	Test motor controls	In progress	Sebastian															
Firmware	Code for bluetooth	Done	Mary Rose															
Firmware	Test bluetooth	In progress	Mary Rose															
Integration	Integrate bluetooth with python	Not started	Mary Rose															
Firmware	Code for linear actuators	Not started	Mary Rose															
Firmware	Test code for linear actuators	Not started	Mary Rose															
Mechanical	Create CAD design for the stand	Done	Mary Rose															
Slack	** slack **																	
Hardware	Battery Circuit	Not started	Sebastian															
Slack	** slack **																	
Slack	** slack **																	
Software	Develop basic GUI functionality	Done	Olivia															
Software	Refine GUI for user experience	In progress	Olivia															
Software	Create application package	Not started	Olivia															
Slack	** slack **																	
Software	Python for eye tracking/focus detection	Not started	Olivia															
Integration	User testing	Not started	Everyone															
Integration	Incorporate changes	Not started	Everyone															
Integration	User interface testing	Not started	Everyone															
Integration	Incorporate changes	Not started	Everyone															