MOJECT STANT DATE

Cognitive Group AA Recycleted Wednesday, September 14, 2022

Wk.1

					wi	:1		Wk 2		Wk 3		Wk 4		Wk 5		Wk 6		Wk 7		Wk8		Wk 9		Wk 10		Wk 11		Wk 12	Wk 13	
TASKS	TASK OWNER	STATUS	START DATE	END DATE	DAYS 9/	12 9/13 9/14	9/15 9/1	9/19 9/20	9/21 9/22 9	/23 9/26 9/27	9/28 9/29 9	30 10/3 10/4	10/5 10/6 10/	10/10 10/11	10/12 10/13 10/14	10/17 10/18 10/1	19 10/20 10/2	10/24 10/25 10	26 10/27 10/2	28 10/31 11/1 1	1/2 11/3 11,	4 11/7 11/8	11/9 11/10 11/	11 11/14 11/15 11	/16 11/17 11/	18 11/21 11/22	1/23 11/24 11/2	5 11/28 11/29 11/30 12	2/1 12/2 12/5	STATUS
Deadlines																														In Progre
Project proposal presentation	Serena	In Progress	09/16/22	09/19/22	2																									Complete
Design presentation	Mae	Not Started	09/30/22	10/03/22	2																									Needs Re
Final presentation	Meghana	Not Started	11/26/22	12/05/22	6																									Canceled
Disject Detection and Identification																														Not Starte
Full dataset generation	Mae	In Progress	09/24/22	10/03/22	6																									On Hold
Train model to 90% accuracy on test images	Mae	Not Started	10/03/22	10/10/22	6																									Overdue
OpenCV bounding box and crop to feed through ML model	Serena	Not Started	09/24/22	10/03/22	6																									
Find center points of bounding boxes with water bottle label	Serena	Not Started	10/03/22	10/10/22	6																									
Integrate ML model into detection process	Mae/Serena	Not Started	10/06/22	10/14/22	7																									
Slack time	All	Not Started	10/17/22	10/21/22	5																									
Robot Construction and Software																														
Research design implementations and design robot	Meghana	In Progress	09/15/22	09/25/22	7																									
ielect Specific Parts and Add to Robot Parts Budget	Meghana	In Progress	09/20/22	09/26/22	5																									
Order Robot Parts	All	Not Started	09/26/22	10/03/22	6																									
Robot chassis construction	Meghana	Not Started	10/03/22	10/10/22	6																									
Robot intake construction	Meghana	Not Started	10/08/22	10/14/22	5																									
Wiring robot hardware/controls	Meghana	Not Started	10/10/22	10/14/22	5																									
Controls to allow robot to travel various directions	Meghana	Not Started	10/10/22	10/14/22	5																									
Controls to allow robot to intake items	Meghana	Not Started	10/24/22	10/31/22	6																									
Robot driving and intake testing	All	Not Started	10/31/22	11/04/22	5																									
Navigation and Integration																														
Distance and angle perception with LIDAR	Mae	Not Started	11/01/22	11/04/22	4																									
Path calculation to moter movement	Serena	Not Started	11/01/22	11/04/22	4																									
Put entire software system together	Mae/Serena	Not Started	11/05/22	11/15/22	7																									
est that robot can move to points of interest	Meghana	Not Started	11/05/22	11/15/22	7																									
Completely merge software and hardware systems	All	Not Started	11/15/22	11/23/22	7																		\top							
lack time	All	Not Started	11/23/22	12/01/22	7																									
inal testing																														
Ise whole system to detect and pick up 1 water bottle	All	Not Started	11/20/22	11/28/22	6																									
est system logic for picking up multiple bottles	All	Not Started	11/28/22	12/01/22	4																									
est fixed bottle environment	All	Not Started	11/20/22	11/28/22	6																									
Fest varied bottle environment	All	Not Started	11/28/22	12/01/22	4																									
Slock time	All	Not Started	12/01/22	12/04/22	2																									