

Task Number	Task Title	Task Owner	Start Date	Due Date	Duration	Time Remaining	PCT of Task Complete	Dependencies	Critical? [1]	Planning & Subsystems								Integration						Finalization & RAPS					
										Week 1		Week 2		Week 3		Week 4		Week 5		Week 6		Week 7		Week 8		Week 9		Week 9	
1	Project Definition and Planning									W 2/26	S 3/2	W 3/5	S 3/9	W 3/12	S 3/16	W 3/19	S 3/23	W 3/26	S 3/30	W 4/2	S 4/6	W 4/9	S 4/13	W 4/16	S 4/20	W 4/23	S 4/27	W 4/30	S 5/4
										Spring Break								RAPS						Finals Week					
1.1	GANTT Chart	Group	2/27/25	3/3/25	6	Date Passed	100%	-	No																				
1.2	Propose Design Document	Group	3/2/25	3/5/25	3	Date Passed	100%	1.1	Yes																				
1.3	Initial Design Document	Group	3/6/25	3/13/25	7	Date Passed	100%	1.2	Yes																				
1.4	Plan Software & Hardware Integration	Group	3/6/25	3/13/25	7	Date Passed	100%	1.2	Yes																				
2	Hardware									<td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>																			
2.1	Research & Purchase Hardware(Email Ashley)	Delara	3/12/25	3/26/25	14	Date Passed	100%	-	Yes																				
2.2	Connect & Configure Hardware	Group	4/1/25	4/9/25	8	Date Passed	25%	2.1	Yes																				
3	Software									<td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>																			
3.1	Front End HTML/CSS	Group	3/13/25	4/2/25	19	Date Passed	100%	-	Yes																				
3.2	Relational Database Schema	Nick	3/2/25	3/5/25	3	Date Passed	100%	-	No																				
3.2	Research SQL Flavors	Group	3/2/25	3/5/25	3	Date Passed	100%	-	No																				
3.3	Database & Back End	Group	3/27/25	4/9/25	12	Date Passed	90%	1.3 - 1.4	Yes																				
4	Integration									<td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>																			
4.1	Connect Front End & Back End	Group	3/24/25	4/6/25	12	Date Passed	80%	3.3	Yes																				
4.2	Connect Software & Hardware	Group	4/2/25	4/13/25	11	Date Passed	0%	-	No																				
5	Testing & Finalization									<td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>																			
5.1	Test System in Makerspace	Group	4/16/25	4/27/25	11	5	0%	4.1 - 4.2	Yes																				
5.2	Make Permanent Installment of the System	Group	4/25/25	5/4/25	9	12	0%	-	No																				
5.3	Document System for Users	Group	4/7/25	5/4/25	27	12	0%	-	No																				
6	Preparing for RAPS									<td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>																			
6.1	Prepare RAPS Presentation	Group	4/5/25	4/11/25	6	Date Passed	100%	5.1	Yes																				
7	Milestones									<td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>																			
7.1	RAPS	Group	4/11/25	4/11/25	0	Date Passed	100%	-	-																				
7.3	Demo Video and Draft Due	-	4/21/25	4/21/25	0	Date Passed	90%	-	-																				
7.4	Finals Week(All Final Material Due)	-	4/30/25	5/6/25	6	14	0%	-	-																				
Notes:																													
Critical Path:																													
1.2 → 1.3 → 2.1 → 2.2 → 3.3 → 4.1 → 5.1 → 6.1																													
Highlighted in red above. Delays here will push the MVP deadline.																													
Dependencies:																													
Hardware setup (2.1) must finish before software integration (3.3).																													
Testing (5.1) depends on both frontend/backend (4.1) and hardware (4.2).																													

[1] Hardware setup (Raspberry Pi + scanner).

Backend API for ID validation.

Database schema design.

Check-out form UI.  
(Delays here directly impact April 21 demo deadline.)