

Tasks, Duration, and Dependencies

Task	Effort (Day/Person)	Duration (Hours)	Dependencies
T1	3	5	
T2	1	6	T1 (M1)
T3	1	4	
T4	1	4	T2, T3 (M2)
T5	1	4	T4 (M3)
T6	1	2	
T7	1	4	T6, T5 (M4)
T8	1	8	
T9	1	4	
T10	1	4	T8, T9 (M5)
T11	1	4	T6 (M4)
T12	3	5	T11 (M6)

Milestones

- M1 - Project Report Presentation (Due Mar. 22)
- M2 - Software Prototype Demo(Apr. 12) (M2)
- M3 - Required Specifications Document (Apr. 19)
- M4 - Software Design Document (Apr. 26)
- M5 - Test Cases (May 3)
- M6 - Final Software Demo (May 5)

Tasks

- T1 - Create Project Presentation for Report
- T2 - Working Front End (Search Bar and Results webpage)
- T3 - Working Backend (Database Talking to Front End)
- T4 - Create Specifications Documents
- T5 - Interactive search results page and Grocery List Page (Quantity Box, Add To Grocery List)
- T6 - Functionality for Adding and Deleting Old/New Items
- T7 - Create Software Design Document
- T8 - Interactive Grocery List Page (Deleting Specific items on List, email to inventory person)
- T9 - Automated Order Functionality (Automatic alerts/orders when Items get low)
- T10 - Create Test Cases
- T11 - Design Elements
- T12 - Prepare for final Presentation

Activity Bar Chart

Week	1	2	3	4	5	6	7
T1	Start						
T2		T1(M1)					
T3							
T4			T2 & T3 (M2)				
T5				T4 (M3)			
T6							
T7					T5 & T6 (M4)		
T8							
T9							
T10							T7 & T8 & T9 (M5)
T11					T6 (M4)		
T12							T11 (M6) - End

Staff Allocation

Week	1	2	3	4	5	6	7
Tim	T1		T4		T7		T10
Isidore	T1	T2		T5		T8	
				T11			
Caroline	T1	T3		T6		T9	