



uOttawa

CEG4912

Submitted by: Groupe n°2

Submitted to Professor: Dan Ionescu

Tas: Hassanein Ahmed
Hamideh Ghanadeh

Date Submitted: 30-01-2023

Trello dashboard:

Organized tasks into lists and boards to track progress, assign responsibilities, and collaborate with team members.

Trello Workspace
Free

Boards

Members

Workspace settings

Workspace views

Table

Calendar

Your boards

CEG4912-4913

Try Premium free

CEG4912-4913

Board

To Do

In Progress

Completed

Add another list

Test GPIO pin functionality on device

Configure IR Sensor

Integrate sensor with camera

Program LED message display to show status

Prepare midterm presentation

Record documentation up until midterm

Prepare AI documentation for address interpretation

Start initial researching for data collection to train the AI system

Add a card

Research Hardware Equipment

Gantt chart rough draft

Add a card

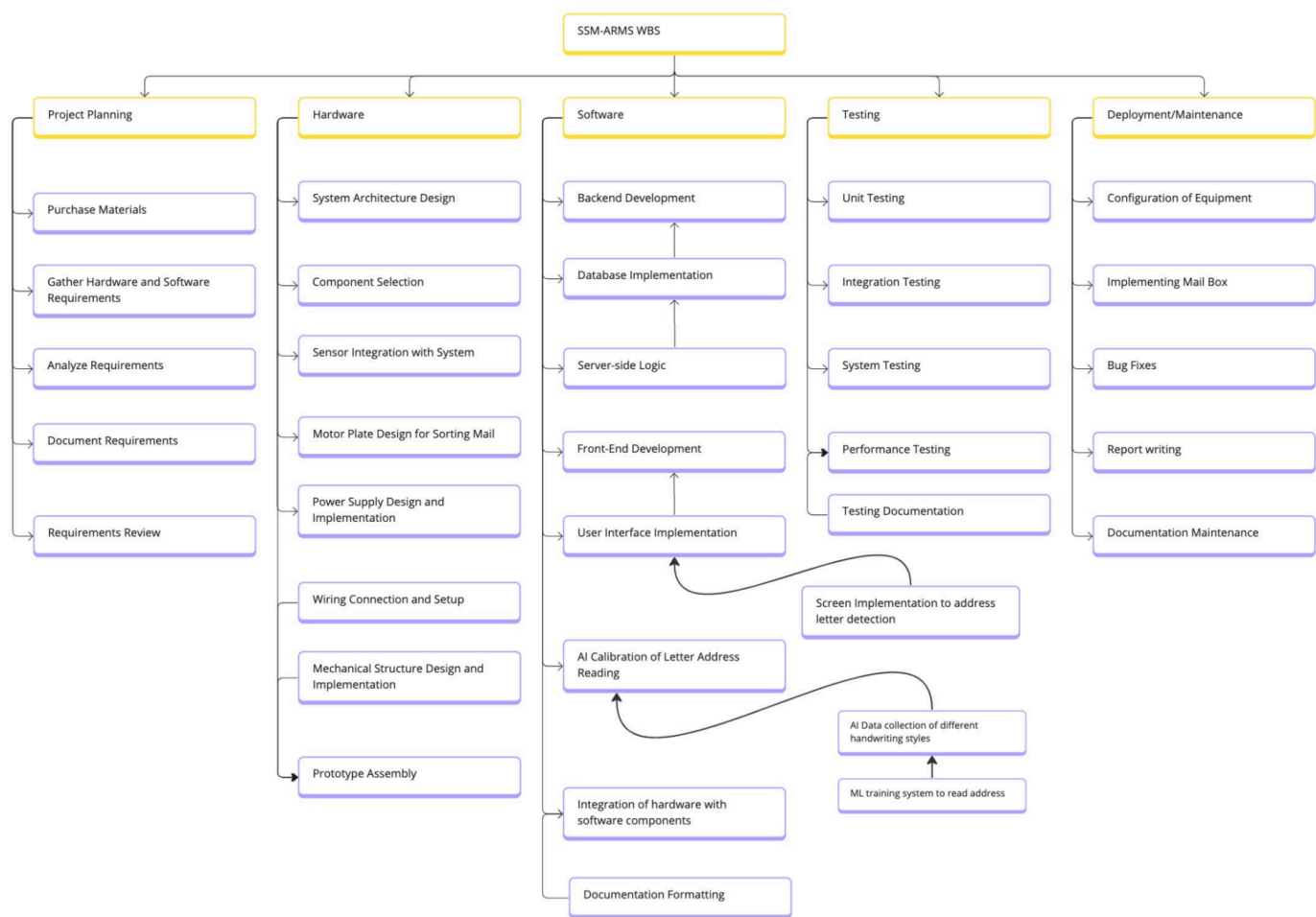
Gather Materials

WBS Rough Draft

Add a card

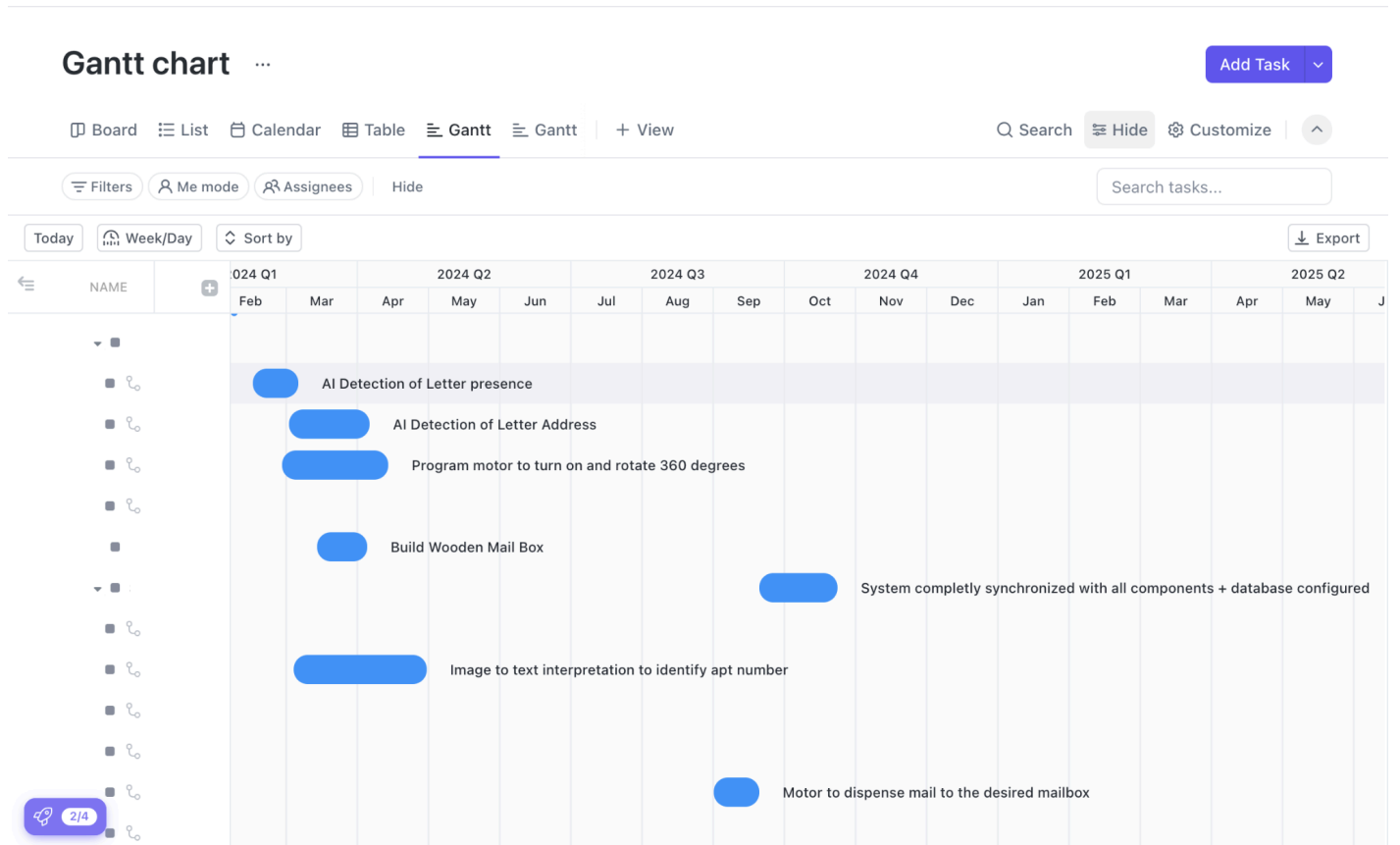
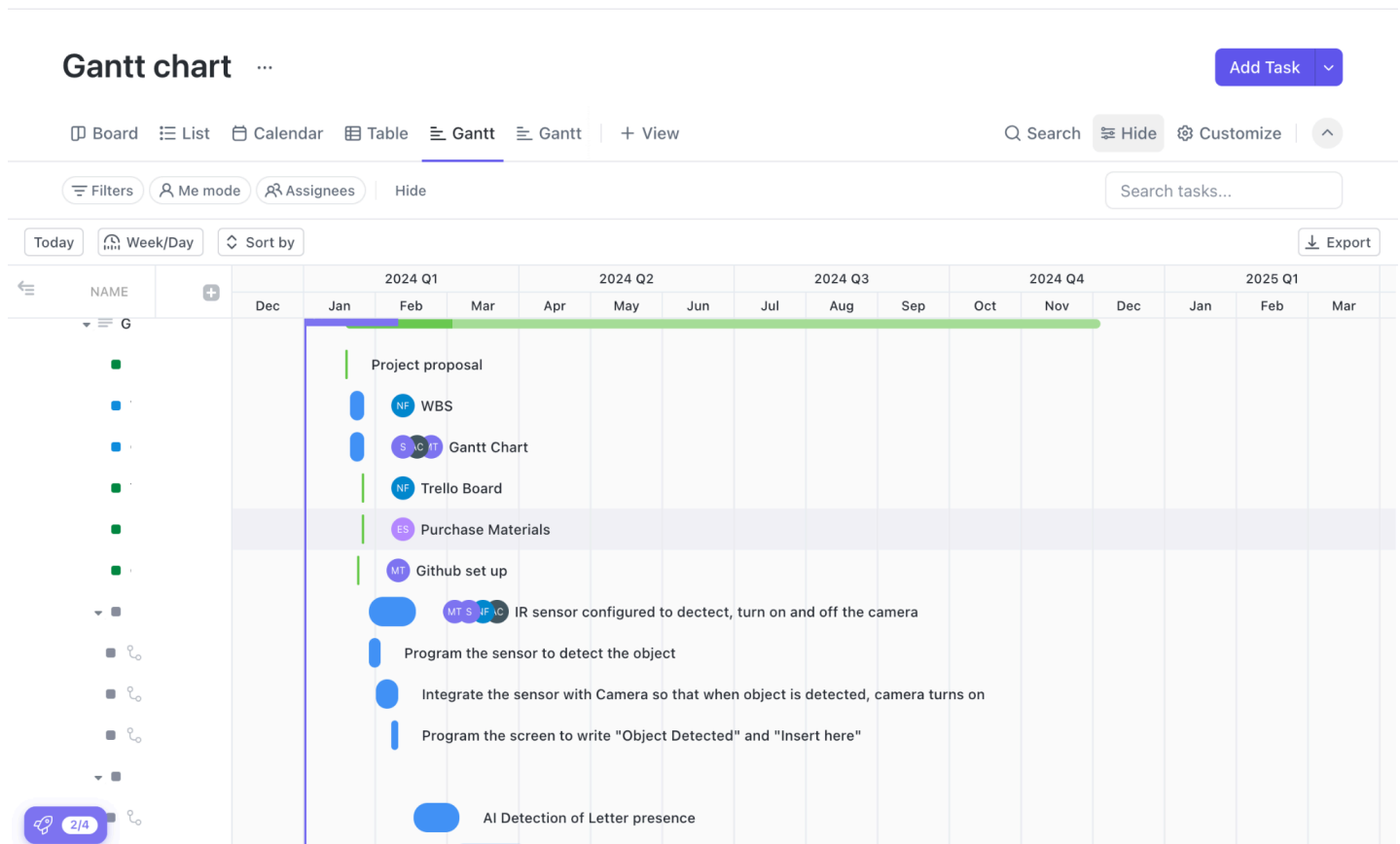
WBS:

Diagram that decomposes the project into smaller and manageable components.



Link to view the WBS structure on Miro:
https://miro.com/welcomeonboard/elRFVlIKUXNsb3YwWVpaVDZzbnpOZEowbzV4MTJLUDlKNINwdFZYT2lrOGxkeGJlMDBlbHlVSuU4MFIlaUR6Q3wzNDU4NzY0NTc2OTQwODAxMTk0fDI=?share_link_id=512670624449

Gantt chart : A timeline view of the project, highlighting key tasks and their duration.



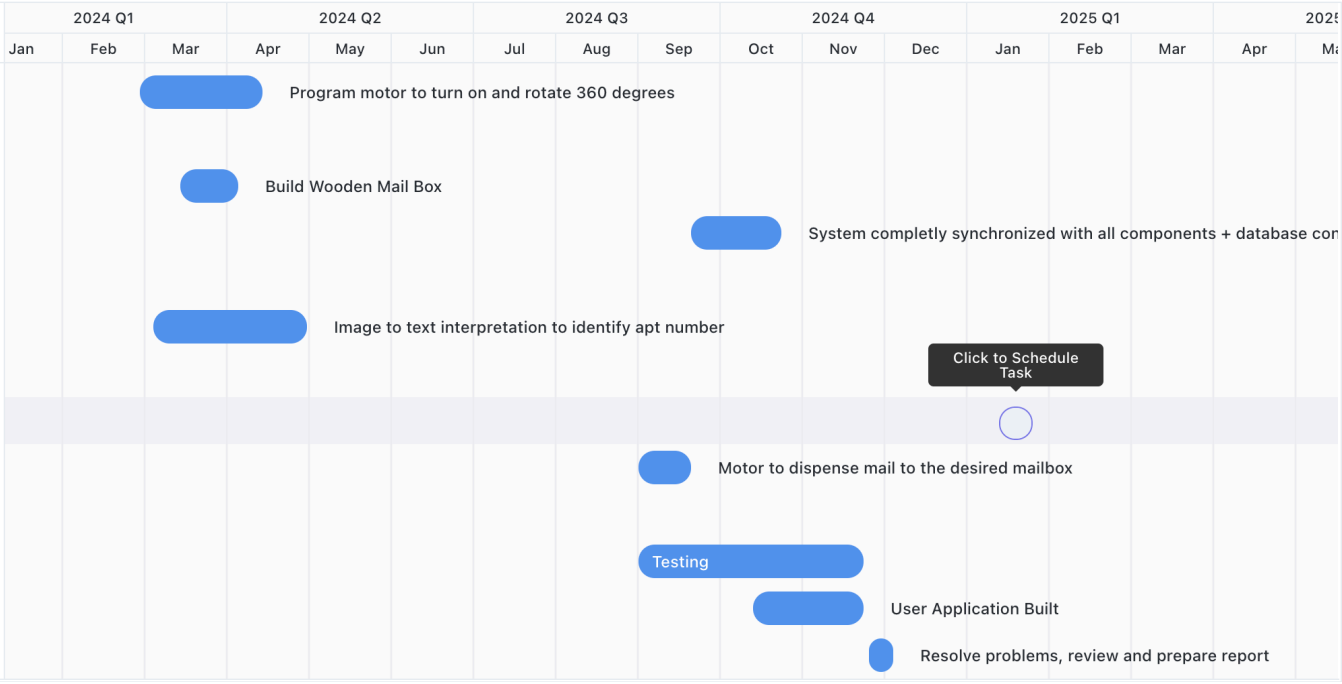


Table View of Gantt Chart:

TO DO

7

...

+

Add Task

Name	Assignee	Due date	Priority	Status	Comments	
▼ <div>IR sensor configured to dectect, turn... <div>🔗 3</div></div>	<div>AC</div> <div>INF</div> <div>S</div> <div>MT</div>	Feb 16	🚩	<div>TO DO</div>	🔍	...
<div>Program the sensor to detect the obj...</div>	<div>👤</div>	Fri	🚩	<div>TO DO</div>	🔍	...
<div>Integrate the sensor with Camera so ...</div>	<div>👤</div>	Feb 9	🚩	<div>TO DO</div>	🔍	...
<div>Program the screen to write "Object ...</div>	<div>👤</div>	Feb 9	🚩	<div>TO DO</div>	🔍	...
▼ <div>First Level completed+ Motor functio... <div>🔗 4</div></div>	<div>👤</div>	<div>📅</div>	🚩	<div>TO DO</div>	🔍	...
<div>AI Detection of Letter presence</div>	<div>👤</div>	Mar 5	🚩 Urgent	<div>TO DO</div>	🔍	...
<div>AI Detection of Letter Address</div>	<div>👤</div>	Apr 5	🚩 Urgent	<div>TO DO</div>	🔍	...
<div>Program motor to turn on and rotate ...</div>	<div>👤</div>	Apr 13	🚩 Normal	<div>TO DO</div>	🔍	...
<div>Write test cases for AI detection</div>	<div>👤</div>	<div>📅</div>	🚩	<div>TO DO</div>	🔍	...
▼ <div>System completely synchronized with... <div>🔗 6</div></div>	<div>👤</div>	Oct 23	🚩	<div>TO DO</div>	🔍	...
<div>Integrating camera to turn on when s...</div>	<div>👤</div>	<div>📅</div>	🚩	<div>TO DO</div>	🔍	...
<div>Image to text interpretation to identif...</div>	<div>👤</div>	Apr 29	🚩	<div>TO DO</div>	🔍	...
<div>Screen Indicates Identified Apt. num...</div>	<div>👤</div>	<div>📅</div>	🚩	<div>TO DO</div>	🔍	...
<div>Synchronize Motor to the id... <div>🔗</div> <div>📝</div></div>	<div>👤</div>	<div>📅</div>	🚩	<div>TO DO</div>	🔍	...
<div>Motor to dispense mail to the desired...</div>	<div>👤</div>	Sep 19	🚩	<div>TO DO</div>	🔍	...
<div>Database configured to hold address...</div>	<div>👤</div>	<div>📅</div>	🚩	<div>TO DO</div>	🔍	...
<div>Testing</div>	<div>👤</div>	Nov 22	🚩	<div>TO DO</div>	🔍	...
<div>Build Wooden Mail Box</div>	<div>👤</div>	Apr 4	🚩	<div>TO DO</div>	🔍	...

▼ ●	User Application Built	🔗 2	👤+	Nov 22	🚩	● TO DO	🔍	...
●	Notification system for recipient indi...		👤+	📅	🚩	● TO DO	🔍	...
□	● Synchronized with database	📁 📝	👤+	📅	🚩	● TO DO	🔍	...
●	Resolve problems, review and prepare re...		👤+	Dec 3	🚩	● TO DO	🔍	...
+ Add Task								

Link to view Gantt Chart in full: <https://app.clickup.com/9014074124/v/li/901401215065>