

Etch-A-Tune Gantt

Nov 5, 2025

<http://>

Project manager

Joshua Consenz

Project dates

Sep 29, 2025 - Dec 14, 2025

Completion

42%

Tasks

51

Resources

4

Tasks

2

Name	Begin date	End date
Class Deliverables	9/29/25	12/13/25
Start of Term	9/29/25	10/5/25
Team Creation	10/6/25	10/6/25
Scheduling	10/7/25	10/9/25
Project Ideas	10/10/25	10/15/25
Design Specifications	10/16/25	10/22/25
Made a Decision	10/23/25	10/29/25
Project Schedule	10/30/25	11/5/25
Functional Decomposition	11/6/25	11/12/25
Sign up for Paracticum Demo	11/27/25	11/28/25
Test Plan	11/29/25	11/29/25
Demo	12/8/25	12/12/25
CATME Surveys	12/12/25	12/13/25
Order Parts	10/22/25	11/26/25
Touch Screens	10/22/25	10/28/25
STM32 Boards	10/25/25	10/30/25
DAC Boards	10/25/25	10/31/25
Order BOM Components	11/20/25	11/26/25
Software	10/27/25	12/1/25
IDE Setup	10/27/25	10/29/25
Library & Driver Research	10/30/25	11/5/25
Getting Screen Working	11/6/25	11/10/25
Graphics	11/11/25	11/15/25
Connecting DSP with Screen	11/26/25	11/28/25
Drawing Program	11/16/25	11/20/25
Drawing to Spectrogram	11/21/25	11/25/25

Tasks

3

Name	Begin date	End date
Improving UX	11/21/25	11/22/25
DSP	10/30/25	12/1/25
Create Test Data	10/30/25	11/2/25
Image to Spectrogram	11/11/25	11/14/25
Spectrogram to Signal	11/15/25	11/19/25
Improve Audio Quality	11/29/25	12/1/25
Hardware	10/27/25	12/7/25
Schematic 0	10/27/25	10/27/25
Breadboard Prototype	11/5/25	11/5/25
Initial Layout	11/3/25	11/6/25
CAD Rough Draft	11/7/25	11/10/25
BOM	11/11/25	11/11/25
Design Review	11/12/25	11/16/25
Final Layout	11/17/25	11/19/25
OSH Park Fabricate Boards	11/20/25	11/27/25
Assembly	11/28/25	12/4/25
Debug	12/5/25	12/7/25
Enclosure	11/10/25	12/9/25
Concept Model	11/10/25	11/14/25
Initial Measured Design	11/15/25	11/19/25
All Parts Modeled and Scaled	11/20/25	11/23/25
Assembly of all Parts	11/20/25	11/24/25
Test Print Tolerances	11/24/25	11/26/25
Full Print	11/27/25	12/1/25
Assemble	12/8/25	12/9/25

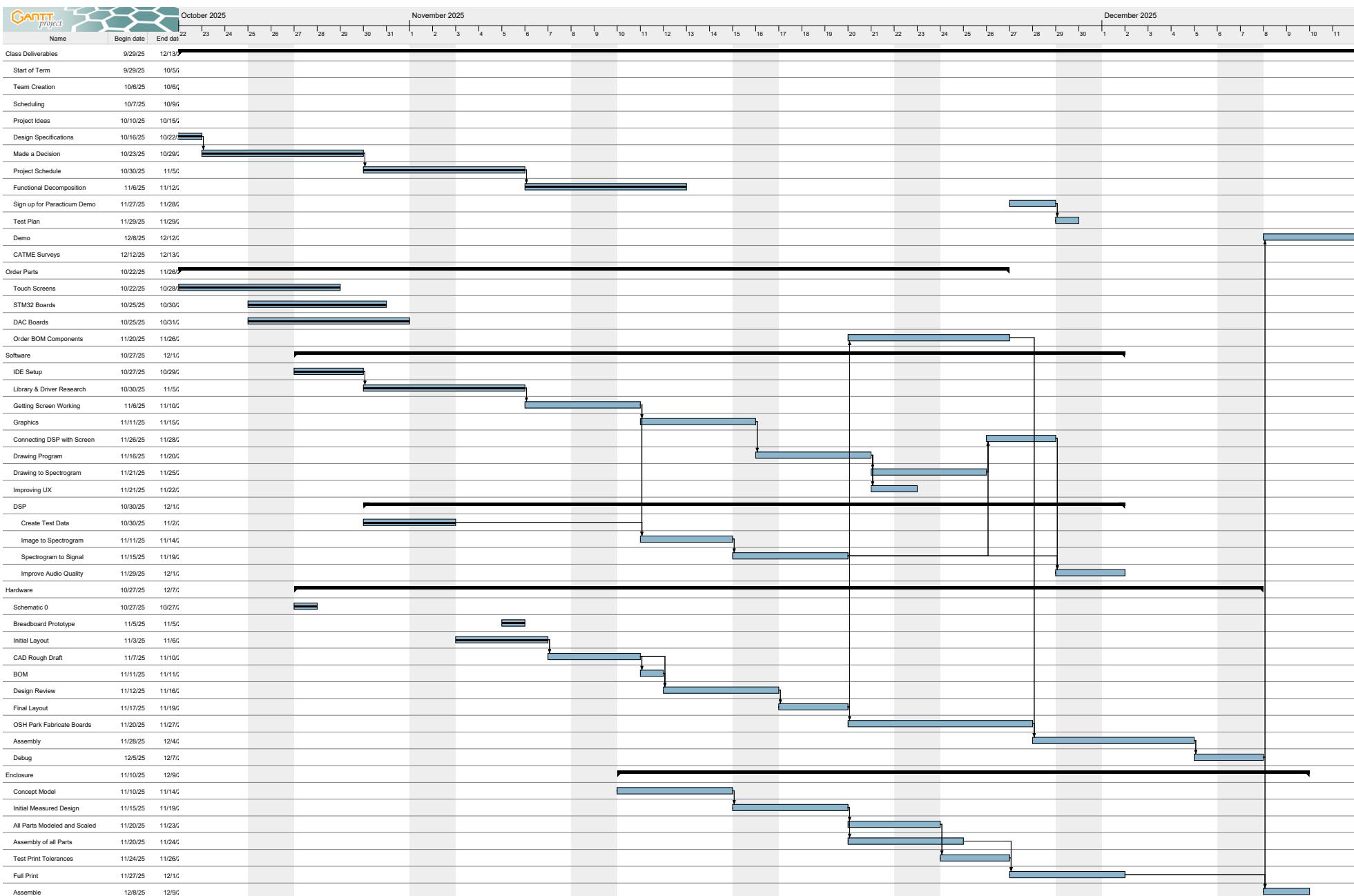
Resources

Name	Default role
Cullen Sharp	Hardware Assistant
Joshua Consenz	project manager
Jack McMahon	Software Assistant
Edward Tsoi	Hardware Lead

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Gantt Chart



Resources Chart

