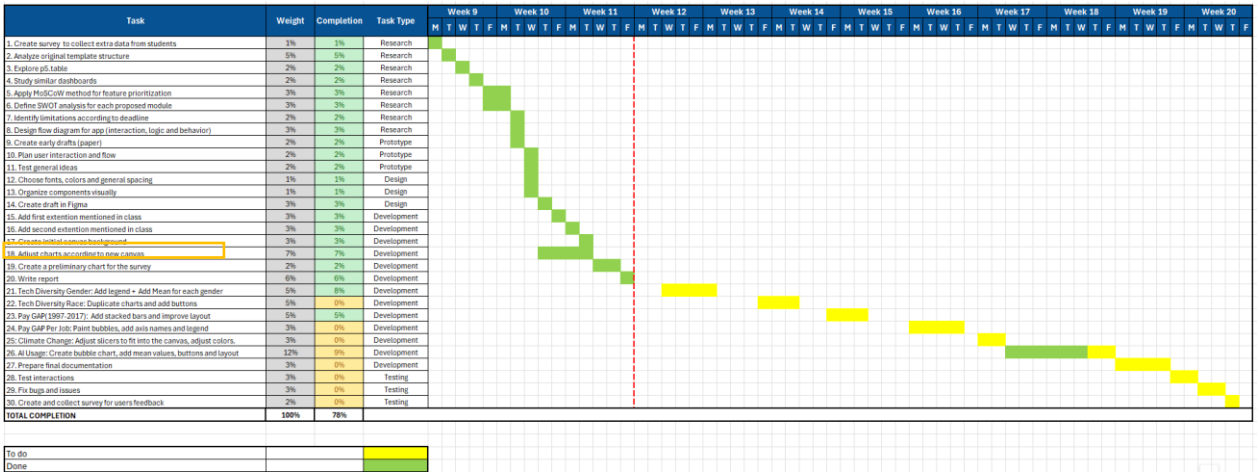
I planned the main steps of my project using a Gantt chart, defining deadlines and main deliveries. The chart was **divided into 30 deliverables with their completion rate (W9-W20)**. Green indicates completed tasks, yellow pending ones.



Task	Weight	Completion	Task Type
1. Create survey to collect extra data from students	1%	1%	Research
2. Analyze original template structure	5%	5%	Research
3. Explore p5.table	2%	2%	Research
4. Study similar dashboards	2%	2%	Research
5. Apply MoSCoW method for feature prioritization	3%	3%	Research
6. Define SWOT analysis for each proposed module	3%	3%	Research
7. Identify limitations according to deadline	2%	2%	Research
8. Design flow diagram for app (interaction, logic and behavior)	3%	3%	Research
9. Create early drafts (paper)	2%	2%	Prototype
10. Plan user interaction and flow	2%	2%	Prototype
11. Test general ideas	2%	2%	Prototype
12. Choose fonts, colors and general spacing	1%	1%	Design
13. Organize components visually	1%	1%	Design
14. Create draft in Figma	3%	3%	Design
15. Add first extention mentioned in class	3%	3%	Development
16. Add second extention mentioned in class	3%	3%	Development
17. Create initial canvas background	3%	3%	Development
18. Adjust charts according to new canvas	7%	7%	Development
19. Create a preliminary chart for the survey	2%	2%	Development
20. Write report	6%	6%	Development
21. Tech Diversity Gender: Add legend + Add Mean for each gender	5%	8%	Development
22. Tech Diversity Race: Duplicate charts and add buttons	5%	0%	Development
23. Pay GAP(1997-2017): Add stacked bars and improve layout	5%	5%	Development
24. Pay GAP Per Job: Paint bubbles, add axis names and legend	3%	0%	Development
25: Climate Change: Adjust slicers to fit into the canvas, adjust colors.	3%	0%	Development
26. AI Usage: Create bubble chart, add mean values, buttons and layout	12%	9%	Development
27. Prepare final documentation	3%	0%	Development
28. Test interactions	3%	0%	Testing
29. Fix bugs and issues	3%	0%	Testing
30. Create and collect survey for users feedback	2%	0%	Testing
TOTAL COMPLETION	100%	78%	

To do		
Done		

Figure 1 - Gantt Chart

However, Gantt chart alone couldn't allow tracking minor and specific tasks needed to complete each delivery. Due to this, **I adopted an extra approach: the KANBAN.**

Each of the delivery was broken into smaller, more granular tasks within the **KANBAN** for a better tracking of day-to-day activities, moving them across "Backlog", "To Do" and "Done".

For example, **the item 19 from Figure 1** was broken down into:

- 19.1 Research for examples of bar charts
- 19.2 Code initial draft for AI Usage

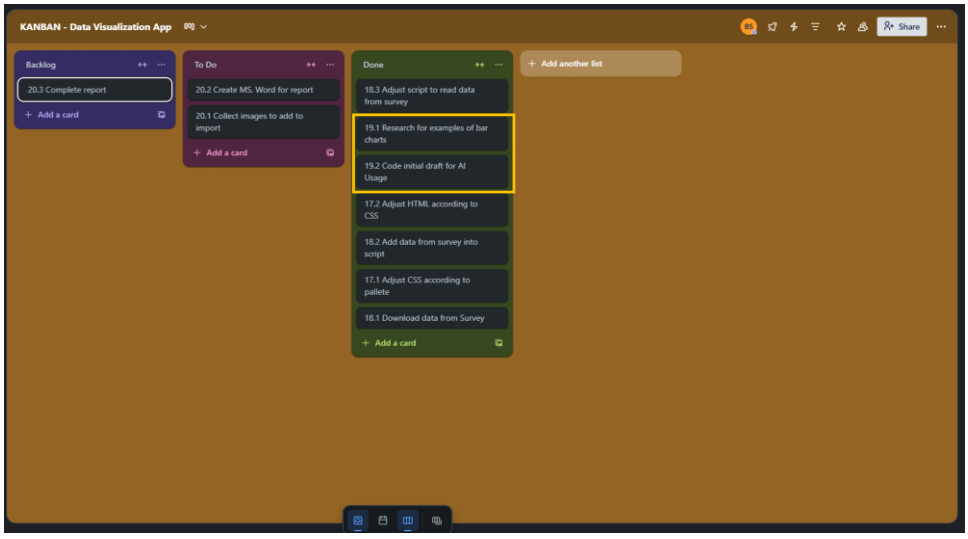


Figure 2 - KANBAN

For time allocation, I applied Relative Estimation using Fibonacci numbers for each KANBAN task, as larger tasks increases variability and uncertainty, so the GAP between numbers is higher. They're based on:

- Required effort (1,2 or 3 points)
- Uncertainty or risk (5 or 8 points)
- Dependencies (13 points)

Each point represents 1 working hour. Items start in the backlog, move to "To Do" when in progress, and then to "Done".

Until the finals, I'll keep breaking the deliveries into granular tasks according to Gantt every Friday and will continue the process after the midterm.