Introduction to Programming Language II: Q3 Mid-term Assignment Student Number: 240574633

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.

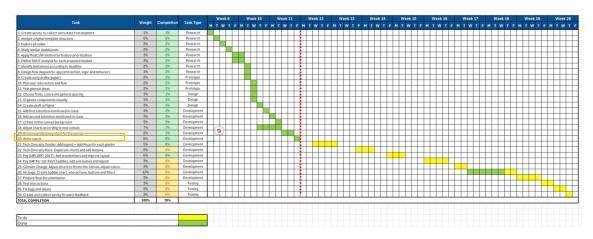


Figure 1 - Gantt Chart

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 Al Usage



Figure 2 - KANBAN

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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.