

Scenario

You have been hired by a small fast food chain based in your local area to design a user interface for their self-service food ordering system. The goal behind this is to reduce the staff needed working on the till so they can serve customers faster.

The interface should include:

- A welcome screen for choosing whether they will eat in or take out.
- A dashboard for navigating between different categories of meals.
- Screens showing the list of meals in each category.
- A screen to select a drink to go with a meal.
- An order summary & confirmation screen.

The fast food chain gets customers from all skills levels and demographic backgrounds. So it is very important the interface is:

- Simple and intuitive to use.
- Accessible to those with disabilities.

You have been given four weeks to complete this project.

Task 1

Last tutorial you created a list of tasks for designing and developing a user interface for the above fast food chain scenario. Use the tasks you identified to create a Gantt chart using Microsoft Excel. Remember to think about “Task Dependencies”. What tasks can only start when the previous task is finished, which tasks can happen at the same time?

A simple Excel Gantt chart template has been included with a possible first task description to help you get started. Paste a print screen of your completed Gantt chart below.

Task No.	Task Description	Week 1					Week 2					Week 3					Week 4						
		M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	
1	Interview the fast food owner to identify requirements	█	█	█																			
2	Produce a mood board of design ideas for the interface			█	█																		
3	Produce screen sketches of proposed interface design					█	█																
4	Identify the interface hardware/software requirements							█	█														
5	Produce a test plan for the interface testing strategy									█	█												
6	Share the interface design with client & gain feedback										█	█											
7	Refine the interface design based on client feedback											█	█										
8	Develop the interface welcome screen & dashboard												█	█	█	█							
9	Develop the meal order and drink selection interface													█	█	█							
10	Develop the order summary & confirmation interface														█	█							
11	Present the interface to client & users for feedback															█	█						
12	Make refinements based on client & user feedback																█	█					

Task 2

PERT charts & Critical Path Analysis diagrams are also useful tools in planning a project and analysing project progress. Using the tasks and timescales you've identified previously, produce a PERT chart or CPA diagram below.

You can use the shapes in Word for doing so.

