Phase 3 Planning

PROJECT TITLE	Knapsack Project	**UNIVERSITY**	Universiteit
GROUP NUMBER	Group 7	**DATE**	15/12/23

					November — WEEK 1					November — WEEK 2				
WBS NUMBER	**TASK TITLE**	**ASSIGNED TO**	**DURATION**	**PCT OF TASK COMPLETE**	8 M	9 T	10 W	11 R	12 F	15 M	16 T	17 W	18 R	19 F
1	**Planning and GUI**													
1.1	Understanding project specifications	Everyone	1	0%	■									
1.1.1	GUI Brainstorming	Everyone	1	0%		■								
1.1.2	GUI Libraries (for 3D Visualisation)	Everyone	1	0%			■							
1.3	GUI Wireframe & Design	Zenios, Pablo, Irdi	2	0%				■	■					
1.4	Implement GUI	David, Max, Irdi	10	0%	■	■	■							
2	**Algorithm**													
2.1	Research on the Knapsack problem	Magdy, David, Ilya	6	0%		■	■							
2.2	First attempt at a code implementation	Max, Irdi, David	8	0%					■	■				
2.3	Implementing the requirements to the algorithm	Zenios, Pablo, Ilya	4	0%						■	■			
2.4	Finalizing the algorithm	Pablo, Max, David, Irdi	3	0%								■		
3	**Testing and Experimentation**													
3.1	Design experiments for the algorithm	David, Magdy, Pablo	4	0%							■			
3.2	Collect data through experiments	Everyone	3	0%								■		
3.3	Design graphs and visualize data	Pablo, David	3	0%								■		
4	**Submissions and review**													
4.1	Final Report	Ilya, David, Max	8	0%									■	
4.2	Presentation Slides	Pablo, Zenios, Magdy	6	0%								■	■	

Milestones   (1) GUI implementation   (2) Research & Algorithm   (3) Experiment data