

AI310/CS361 ARTIFICIAL INTELLIGENCE FALL 2024

COVER SHEET

Project Idea:

20) Genetic Algorithms for Function Optimisation.

☐

Team Information *(typed, not handwritten, except for the attendance signature):*

ID [Ordered by ID]		Full Name [In Arabic]	Attendance [Handwritten Signature]	Final Grade
1	20220321	عمر عبدالناصر السيد		
2	20220397	محمد راشد رماح		
3	20220417	محمد عزت مصطفى		
4	20220421	محمد علي محمد		
5	20220456	مروان احمد سمير		
6	20220576	يوسف محمد عبدالعظيم		

Item	Mark	Team Members					
		1	2	3	4	5	6
Report (including Problem Definition, Literature Review, References, Relevant Diagrams)	5						
Design of Fitness Function (2 per minimisation functions)	10						
Application of the Algorithm (including a plot of the performance across the generations for each setting)	5						
Discussion & Analysis of Results	6						
Implementation	9						
GUI (deduct 3 marks if no proper design for inputs or outputs)							
If another algorithm is applied, deduct 5 marks							
Deduct 50% to 100% of a Student's grade if (s)he didn't participate							
Total	35						