Team ID	اسم العضو الأول (قائد الفريق)	رقم الطالب للعضو الأول (قائد الفريق)	Assigned Group-Project Idea
1	ربيع محمد ربيع زرزوره	202000310	*A Sudoku Solver using Differential Evolution AND the Backtracking Algorithm.*
2	عبدالخالق محمود عبده أبوزيد	202000488	*An Intelligent Connect-Four Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
3	عمر احمد سعد بدران	202000584	*An Intelligent Checkers Player using an Alpha-Beta Depth-First algorithm (designing &implementing at least 2 heuristic functions)*
4	ايه نادر محمد عويس	202000189	*Solving the Knapsack Problem using both Genetic Algorithms & Differential Evolution (Solve both the 0-1 Knapsack Problem and the Unbounded Knapsack Problem).*
5	Hazem Samir Ibrahim Ahmed	202000247	*An Intelligent Connect-Four Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
6	john youssef wasfy youssef	201900250	*Automated Object Detection using Artificial Neural Networks.*
7	ابراهيم محمد ابو الحجاج سعيد	202000006	*N-Queens Problem Solver (for different sizes – n should be selected by the user) using Differential*
8	يوسف محمد سيد محمد	202001105	*N-Queens Problem Solver (for different sizes – n should be selected by the user) using Differential*
9	حبيبه احمد عطيه ابوبكر	202000255	*N-Queens Problem Solver (for different sizes – n should be selected by the user) using Differential*
10	امير بركات حمزه حسن	202000159	*An Intelligent Connect-Four Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
11	Mahmoud Ahmed Sayed Shoura	202000835	*An Intelligent Connect-Four Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
12	عبدالله شعبان عبدالرازق سيد	202000548	*N-Queens Problem Solver (for different sizes – n should be selected by the user) using Differential*
13	يوسف محمد عبدالمحسن احمد	202001107	*Automated Object Detection using Artificial Neural Networks.*
14	عمرو عبدالعال عبدالحميد عبدالعال	202000617	*An Intelligent Connect-Four Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
15	ساره بدوى رجب عبد العظيم	202000367	*A Sudoku Solver using Differential Evolution AND the Backtracking Algorithm.*
16	رويدا رأفت هندى حسن	202000341	*N-Queens Problem Solver (for different sizes – n should be selected by the user) using Differential*
17	يوسف محمود قطب يحي	202001108	*A Sudoku Solver using Differential Evolution AND the Backtracking Algorithm.*
18	مروان أحمد عبدالتواب جاب الله	202000863	*An Intelligent Connect-Four Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
19	يوسف امير يوسف محمد	202001078	*N-Queens Problem Solver (for different sizes – n should be selected by the user) using Differential*
20	عماد مصطفى سراج الدين احمد	202000580	*An Automated Optical Character Recognition of Handwritten English Letters using Artificial Neural Networks.*
21	محمود محمد محمود عبدالسميع	201900781	*An Automated Optical Character Recognition of Handwritten Arabic Numerals/Digits using Artificial Neural Networks.*
22	محمد اشرف خليفه صادق	202000729	*Biometrics: Automated Face Recognition using Artificial Neural Networks.*
23	منه الله محمد عبد العليم	202000937	*N-Queens Problem Solver (for different sizes – n should be selected by the user) using Differential*
24	يوسف ايمن فتح الاله محمد	202001082	*An Intelligent Connect-Four Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
25	خالد محمد عبد الحميد محمود	201900285	*Automatic Language Identification using K-means Clustering.*
26	مازن وحيد ربيع	202000708	*N-Queens Problem Solver (for different sizes – n should be selected by the user) using Differential*
27	مصطفى حسين كمال حسين	202000898	*An Intelligent Connect-Four Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
28	مصطفي محمد فايز عبدالعال	202000913	*An Intelligent N-Puzzle Solver (for sizes: 8, 15, and 24) using a Best-First Search algorithm (designing & implementing at least 4 heuristic functions).*
29	سارة علاء محمد علي	20190032	*A Sudoku Solver using Differential Evolution AND the Backtracking Algorithm.*
30	مصطفي حسن محمد نشأت	201900816	*Solving the Nurse Scheduling Problem using Genetic Algorithms.*
31	معاذ مصطفى السيدالبدوى احمد	202000924	*Solving the Nurse Scheduling Problem using Genetic Algorithms.*
32	بيشوي ابراهيم عشم ملك	202000215	*Automated Object Detection using Artificial Neural Networks.*
33	امين مصطفي زكريا امين	202000165	*An Intelligent N-Puzzle Solver (for sizes: 8, 15, and 24) using a Best-First Search algorithm (designing & implementing at least 4 heuristic functions).*
34	يوسف ايمن فتح الاله محمد	202001082	*An Intelligent Chess Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
35	محمد طه حسين محمد	202000775	*A Sudoku Solver using Differential Evolution AND the Backtracking Algorithm.*
36	عبدالرحمن محمد جمعه شافعي	202000524	*A Sudoku Solver using Differential Evolution AND the Backtracking Algorithm.*
37	عمر احمد عبد القوى احمد	202000585	*An Intelligent N-Puzzle Solver (for sizes: 8, 15, and 24) using a Best-First Search algorithm (designing & implementing at least 4 heuristic functions).*
38	سهام السيد محمود	202000407	*Automated Object Detection using Decision Trees & Random Forests.*
39	عبدالرحمن احمد حمدي حسن	202000497	*A Sudoku Solver using Differential Evolution AND the Backtracking Algorithm.*
40	محمد حسن عبدالحى احمد	202000743	*A Sudoku Solver using Differential Evolution AND the Backtracking Algorithm.*
41	محمد محى الدين محمد	202000818	*An Intelligent Checkers Player using an Alpha-Beta Depth-First algorithm (designing &implementing at least 2 heuristic functions)*
42	عبدالرحمن أشرف عزت مصطفى	202000502	*Solving the Nurse Scheduling Problem using Genetic Algorithms.*
43	عبدالرحمن حمدي محمود	202000511	*An Intelligent Checkers Player using an Alpha-Beta Depth-First algorithm (designing &implementing at least 2 heuristic functions)*
44	مريم عبدالمجيد سمير	202000879	*Solving a Faculty's Timetable Scheduling Problem using Genetic Algorithms.*
45	شهاب محي الدين ابراهيم خليل	202000445	*Automated Facial Expression Recognition using Artificial Neural Networks.*
46	عمر محسن احمد عبد الغني ابو الليل	202000606	*An Intelligent N-Puzzle Solver (for sizes: 8, 15, and 24) using a Best-First Search algorithm (designing & implementing at least 4 heuristic functions).*
47	عبدالرحمن رضا حسن سليمان	202000514	*An Intelligent Chess Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*

48	صفيه حمدي عبدالحميد	202000466	*An Automated Optical Character Recognition of Handwritten Arabic Numerals/Digits using Artificial Neural Networks.*
49	Rodina momen mohamed	202000338	*An Intelligent N-Puzzle Solver (for sizes: 8, 15, and 24) using a Best-First Search algorithm (designing & implementing at least 4 heuristic functions).*
50	جانو طارق محفوظ	202000234	*An Intelligent Chess Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
51	تسنيم سامح سليمان محمود	202000223	*An Automated Optical Character Recognition of Handwritten English Letters using Decision Trees & Random Forests.*
52	محمد عادل محمد حسني محمد	202000776	*An Intelligent Chess Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
53	اسامه سيد مجاهد امين	202000107	*An Automated Optical Character Recognition of Handwritten English Letters using Artificial Neural Networks.*
54	سندس رضا ابراهيم	202000405	*An Intelligent N-Puzzle Solver (for sizes: 8, 15, and 24) using a Best-First Search algorithm (designing & implementing at least 4 heuristic functions).*
55	منه الله محمود عبدالحميد عفيفى	202000946	*An Intelligent N-Puzzle Solver (for sizes: 8, 15, and 24) using a Best-First Search algorithm (designing & implementing at least 4 heuristic functions).*
56	ندى علاء حسن محمد	202000991	*An Intelligent Checkers Player using an Alpha-Beta Depth-First algorithm (designing &implementing at least 2 heuristic functions)*
57	نورهان فريد عبد المقصود	202001012	*An Intelligent Chess Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
58	سلمى مجدى على ربيع	202000392	*Solving a Faculty's Timetable Scheduling Problem using Genetic Algorithms.*
59	احمد اشرف عبدالمنعم	201900016	*An Intelligent Chess Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
60	عبدالرحمن محمد محمد الصاوي	202000532	*Biometrics: Automated Face Recognition using Artificial Neural Networks.*
61	احمد عزت احمد محمد	202000049	*Automated Object Detection using Artificial Neural Networks.*
62	امنيه هانى صبرى عبدالعزيز	202000157	*An Intelligent N-Puzzle Solver (for sizes: 8, 15, and 24) using a Best-First Search algorithm (designing & implementing at least 4 heuristic functions).*
63	سعيد سليمان سعيد هريدي	202000386	*An Intelligent Checkers Player using an Alpha-Beta Depth-First algorithm (designing &implementing at least 2 heuristic functions)*
64	عمر محمد خاطر على	202000607	*An Intelligent Chess Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
65	صلاح الدين كامل محمود	202000467	*Automated Object Detection using Artificial Neural Networks.*
66	حسام صلاح حسن عبدالرحيم	202000268	*An Intelligent Go Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
67	عبدالله سامي علي عبدالغني هيكل	201900462	*An Intelligent Go Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
68	اسلام ايمن زاكى عزب	202000124	*An Intelligent Chess Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
69	كريم أشرف السيد عبد الكريم جبريل	202000661	*An Automated Optical Character Recognition of Handwritten English Letters using Artificial Neural Networks.*
70	وفاء اسلام سعد عبدالحكيم موافى	202001043	*An Intelligent Chess Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
71	ابراهيم محمد فاروق ابراهيم	201900011	*An Intelligent Checkers Player using an Alpha-Beta Depth-First algorithm (designing &implementing at least 2 heuristic functions)*
72	خالد احمد عباس عبد الحميد	202000283	*Solving the Knapsack Problem using both Genetic Algorithms & Differential Evolution (Solve both the 0-1 Knapsack Problem and the Unbounded Knapsack Problem).*
73	عبدالرحمن علي مصطفى كمال	202000522	*Biometrics: Automated Face Recognition using Artificial Neural Networks.*
74	الحسين محمد احمد	202000144	*Solving the Nurse Scheduling Problem using Genetic Algorithms.*
75	عبدالرحمن مصطفي عبدالعزيز موسي	202000538	*Solving the Nurse Scheduling Problem using Genetic Algorithms.*
76	رضوان محمد رضوان محمد رضوان	202000319	*An Intelligent Checkers Player using an Alpha-Beta Depth-First algorithm (designing &implementing at least 2 heuristic functions)*
77	ابراهيم عبدالعزيز عبدالحافظ محمد	202000004	*Biometrics: Automated Face Recognition using Artificial Neural Networks.*
78	محمد نشأت سيد حسن	202000826	*Solving the Nurse Scheduling Problem using Genetic Algorithms.*
79	يارا محمد احمد عبداللطيف حسين	202001050	*Biometrics: Automated Face Recognition using Artificial Neural Networks.*
80	Eman Abdelsayed	202000175	*Solving the Nurse Scheduling Problem using Genetic Algorithms.*
81	Mona Ahmed Abd El Azim	202000948	*An Intelligent Checkers Player using an Alpha-Beta Depth-First algorithm (designing &implementing at least 2 heuristic functions)*
82	عمر محمد عبدالجابر	202000609	*An Intelligent Go Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
83	مينا ممدوح نبيل انيس	202000972	*Automated Object Detection using Decision Trees & Random Forests.*
84	يوسف عبده محمد	202001093	*An Intelligent Go Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
85	ايه بهجت عبد السلام	202000183	*An Automated Optical Character Recognition of Handwritten English Letters using Artificial Neural Networks.*
86	Yousef ashraf abdelhaleem sayed ali	202001075	*Automated Facial Expression Recognition using Artificial Neural Networks.*
87	جورج سمير العبد عوض	202000238	*Automated Object Detection using Decision Trees & Random Forests.*
88	منار احمد عبد المنعم صالح	202000929	*An Intelligent Go Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
89	احمد علاء محمد المهدي	202000053	*Automated Facial Expression Recognition using Artificial Neural Networks.*
90	Abdallah mohamed Abdelkarim Abas	202000550	*Solving the VRP "Vehicle Routing Problem" using both Genetic Algorithms & Differential Evolution.*
91	عادل محمد عادل امام	201900394	*Solving the Nurse Scheduling Problem using Genetic Algorithms.*
92	رنا طارق محمد همام	202000325	*An Intelligent Go Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
93	احمد خليل عبدالمغني خليل علام	202000033	*Biometrics: Automated Face Recognition using Artificial Neural Networks.*
94	محمد ياسين محمد شيحا	202000832	*An Intelligent Go Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
95	احمد محمود حمادة محمود	202000081	*Automated Facial Expression Recognition using Artificial Neural Networks.*

96	نجلاء محمد السيد عبدالقادر	**202000982**	*Solving a Faculty's Timetable Scheduling Problem using Genetic Algorithms.*
97	Mahran saber Salem	**202000954**	*An Automated Optical Character Recognition of Handwritten English Letters using Artificial Neural Networks.*
98	دنيا كرم عبدالحليم محمود	**202000299**	*An Intelligent Go Player using an Alpha-Beta Depth-First algorithm (designing & implementing at least 2 heuristic functions).*
99	محمود هاني سعيد	**202000861**	*Biometrics: Automated Face Recognition using Artificial Neural Networks.*
100	عبدالله هشام احمد السيد	**202000556**	*Automated Facial Expression Recognition using Artificial Neural Networks.*
101	احمد وليد احمد امين	**202000094**	*An Automated Optical Character Recognition of Handwritten English Letters using Artificial Neural Networks.*
102	يوسف ملاك توفيق ميخائيل	**202001110**	*Automated Object Detection using Artificial Neural Networks.*
103	سهيلة محمد عبدالنبي احمد	**202000410**	*Solving the Nurse Scheduling Problem using Differential Evolution.*
104	حسن محمد احمد مصطفى	**202000272**	*Biometrics: Automated Face Recognition using Decision Trees & Random Forests.*
105	باسل محمود كمال عبدالسلام	**202000192**	*An Automated Optical Character Recognition of Handwritten English Letters using Artificial Neural Networks.*
106	الاء محمد علي عرفان	**202000142**	*Automated Object Detection using Artificial Neural Networks.*
107	يوسف هشام محمد محمد	**202001114**	*Biometrics: A Voiceprint (Speaker Verification or Identification) System.*
108	Fatma hassan mohamed	**202000633**	*Biometrics: Automated Fingerprint Recognition using Artificial Neural Networks.*
109	هدير مدحت عبدالعزيز عزام	**202001034**	*Solving a Faculty's Timetable Scheduling Problem using Differential Evolution.*
110	منه الله الحسينى محمد الحسينى	**202000940**	*Biometrics: Automated Face Recognition using Decision Trees & Random Forests.*
111	كريم هاني نصر رمضان	**202000675**	*Automated Facial Expression Recognition using Artificial Neural Networks.*
112	mostafa mohamed mohamed abd elbaky	**202000915**	*Solving a Faculty's Timetable Scheduling Problem using Genetic Algorithms.*
113	عمر عاطف وجدى عطيه	**202000601**	*An Automated Optical Character Recognition of Handwritten English Letters using Artificial Neural Networks.*
114	سعيد وائل سعيد	**2**	*Automated Object Detection using Artificial Neural Networks.*
115	عمر فوزي محمد صالح	**202000605**	*Solving the Nurse Scheduling Problem using Differential Evolution.*
116	Ahmed Ali Salah	**202000055**	*Solving the Nurse Scheduling Problem using Differential Evolution.*
117	علاء الدين عبدالله محمد حسن	**201900481**	*An Automated Optical Character Recognition of Handwritten English Letters using Decision Trees & Random Forests.*
118	زياد احمد محمد رفعت	**202000351**	*Automated Facial Expression Recognition using Artificial Neural Networks.*
119	Ahmed Magdy Ibrahim Hamed	**202000060**	*Solving a Faculty's Timetable Scheduling Problem using Genetic Algorithms.*
120	زياد احمد محمد رفعت	**202000351**	*Automated Facial Expression Recognition using Artificial Neural Networks.*
121	مالك وسام الدين محمود عبدالحي	**201900609**	*An Automated Optical Character Recognition of Handwritten Arabic Numerals/Digits using Artificial Neural Networks.*
122	مصطفى محمود خليل على	**202000918**	*Solving a Faculty's Timetable Scheduling Problem using Genetic Algorithms.*
123	ادهم علي الدين عاصم صالح	**202000101**	*Solving a Faculty's Timetable Scheduling Problem using Genetic Algorithms.*
124	فاطمه الزهراء ادهم ابوخطوه	**202000630**	*An Automated Optical Character Recognition of Handwritten Arabic Numerals/Digits using Artificial Neural Networks.*
125	مصطفى جمعة محمد عبد الباقي	**201900815**	*Automatic Document Classification / Categorization by Subject.*
126	يوسف محمد أنور محمود	**202001104**	*Solving the Nurse Scheduling Problem using Differential Evolution.*
127	معاذ محمود توفيق	**201900838**	*Biometrics: Automated Face Recognition using Artificial Neural Networks.*
128	محمود مجدي احمد عبد العال	**202000854**	*Solving the VRP "Vehicle Routing Problem" using both Genetic Algorithms & Differential Evolution.*
129	مارينا عزت لويز	**202000699**	*Automated Object Detection using Decision Trees & Random Forests.*
130	مين شعبان امين محمد	**202000164**	*Solving the Nurse Scheduling Problem using Differential Evolution.*
131	محمد صلاح محمد عبدالعزيز	**202000772**	*Solving the Nurse Scheduling Problem using Differential Evolution.*
132	ميخائيل سامي لويز سوس	**202000967**	*Automated Object Detection using Decision Trees & Random Forests.*
133	يوسف محمد الحلي عبدالعال	**202001103**	*Solving the Nurse Scheduling Problem using Differential Evolution.*
134	shaimaa sabry soliman	**202000456**	*Solving a Faculty's Timetable Scheduling Problem using Genetic Algorithms.*
135	رحيم احمد موسي احمد	**202000318**	*Biometrics: Automated Iris Recognition using Artificial Neural Networks.*
136	مهند محمد محمود احمد	**202000956**	*Solving the Nurse Scheduling Problem using Differential Evolution.*
137	محمد حمدى سعد عبد الراضى	**202000746**	*Solving the Knapsack Problem using both Genetic Algorithms & Differential Evolution (Solve both the 0-1 Knapsack Problem and the Unbounded Knapsack Problem).*
138	شهيره محمد عبد النبى السيد	**202000453**	*Solving a Faculty's Timetable Scheduling Problem using Differential Evolution.*
139	احمد السيد عزت عليوه	**20180022**	*An Automated Optical Character Recognition of Handwritten English Letters using Decision Trees & Random Forests.*
140	فرح سعيد عبدالصمد على	**202000647**	*Automated Object Detection using Decision Trees & Random Forests.*
141	اياد امين احمد احمد الفار	**202000172**	*An Automated Optical Character Recognition of Handwritten English Letters using Decision Trees & Random Forests.*
142	آية هاني قاسم توفيق	**202000190**	*Biometrics: Automated Iris Recognition using Artificial Neural Networks.*
143	نادر ممدوح شاكر عبدالمحسن	**202000976**	*An Automated Optical Character Recognition of Handwritten Arabic Numerals/Digits using Artificial Neural Networks.*

144	ايهاب يوسف ابراهيم شحاته	**202000191**	*An Automated Optical Character Recognition of Handwritten English Letters using Decision Trees & Random Forests.*
145	دعاء محسن مصطفي محمد	**202000293**	*Solving a Faculty's Timetable Scheduling Problem using Differential Evolution.*
146	احمد محمد امام عبدالمجيد	**2020000070**	*Solving a Faculty's Timetable Scheduling Problem using Differential Evolution.*
147	عادل سامى زكي جادالله	**202000481**	*Solving a Faculty's Timetable Scheduling Problem using Differential Evolution.*
148	محمد سرور عبد العزيز	**202000764**	*Biometrics: Automated Face Recognition using Decision Trees & Random Forests.*
149	مايكل صفوت نجيب فهيم	**202000713**	*Solving a Faculty's Timetable Scheduling Problem using Differential Evolution.*
150	محمد سعيد ابراهيم عبدالغني	**20180498**	*Biometrics: Automated Face Recognition using Decision Trees & Random Forests.*
151	Fawzy Hassan Fawzy Mohamed	**20170378**	*Solving a Faculty's Timetable Scheduling Problem using Differential Evolution.*
152	امير سمير فوزي جابر	**202000160**	*Automatic Language Identification using K-means Clustering.*
153	حسين رجب حسين محمد	**202000275**	*Solving a Faculty's Timetable Scheduling Problem using Differential Evolution.*
154	ادهم محمود العزب الحسيني	**202000102**	*Solving the VRP "Vehicle Routing Problem" using both Genetic Algorithms & Differential Evolution.*
155	زياد مجدي السيد	**202000356**	*Solving the VRP "Vehicle Routing Problem" using both Genetic Algorithms & Differential Evolution.*
156	احمد جمال احمد محمود	**202000020**	*Solving the VRP "Vehicle Routing Problem" using both Genetic Algorithms & Differential Evolution.*
157	سيف الله حسن حجازي محمود الوكيل	**202000416**	*Solving the VRP "Vehicle Routing Problem" using both Genetic Algorithms & Differential Evolution.*
158	عبدالغني وائل عبدالغني حسن	**201900450**	*Solving the VRP "Vehicle Routing Problem" using both Genetic Algorithms & Differential Evolution.*
159	شريف حمدي زكي مهني	**202000435**	*Solving the VRP "Vehicle Routing Problem" using both Genetic Algorithms & Differential Evolution.*
160	عادل محمود عبده محمد	**202000482**	*Automatic Language Identification using K-means Clustering.*
161	sadek nabil sadek	**202000459**	*An Automated Optical Character Recognition of Handwritten English Letters using Decision Trees & Random Forests.*
162	Mostafa Abdel Nasser Fares	**20140410**	*Automatic Language Identification using K-means Clustering.*