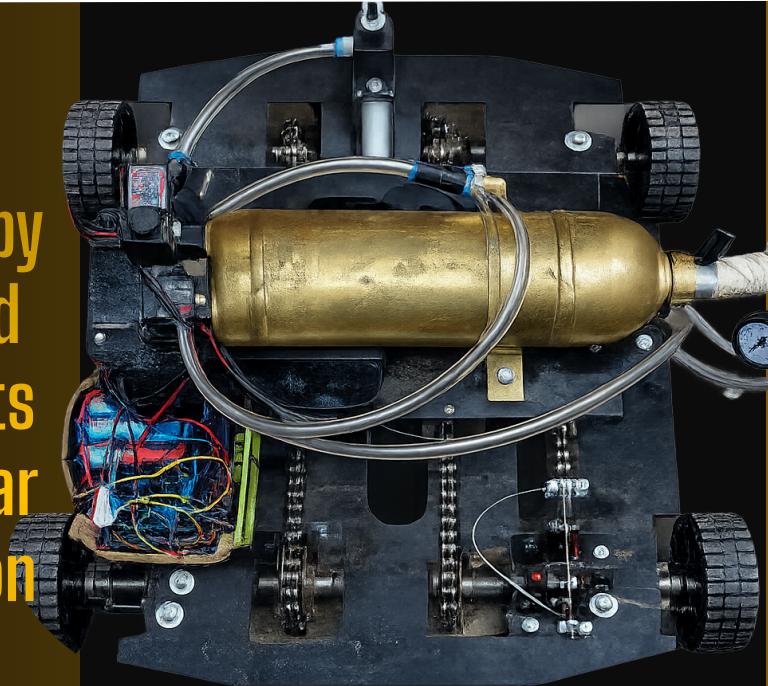


ELDABABA



air-powered vehicle
powered by 3 L air tank,
piston cylinder controlled by
electric solenoid valve and
some mechanical sprockets
and chains to convert linear
motion to rotational motion
on wheels and brake
controlled by calipers
controlled on another piston
,solenoid valve.



MDP311 S

team 10

INTRODUCED BY:

NESMA SHABBAN ALI
WAGDY MOHAMED WAGDY
MOHAMED ABOBAKR
RANIA AMR MAHMOUD
DANIAL AYMAN FOUAD
ALI MOHAMED AHMED
NOUR WAEL MEDHAT
AHMED MOHAMED EID

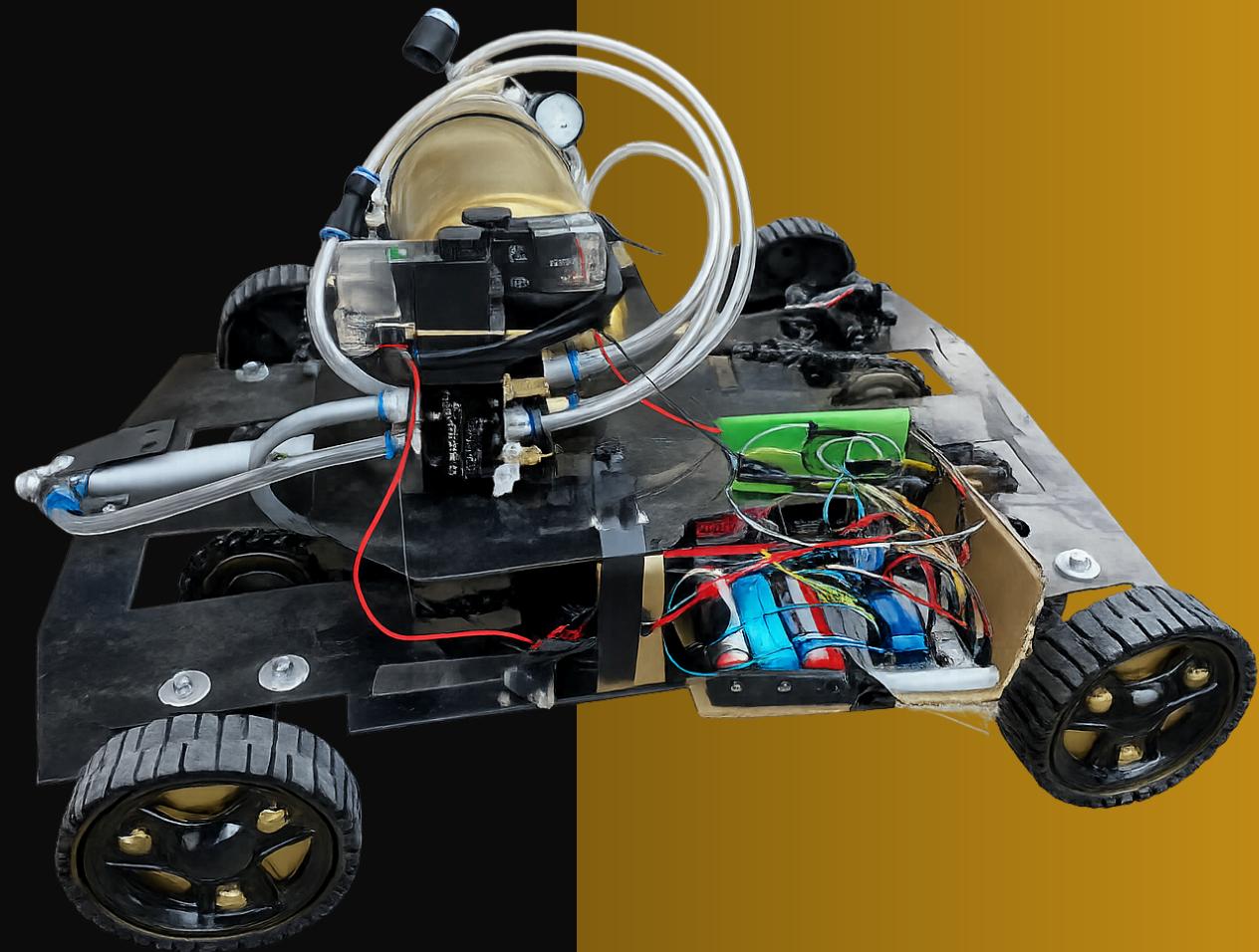
MAIN COMPONENTS

- 1- 2PISTON CYLINDER
- 2- 2SOLENOID VALVE
- 3- 4SPROCKETS AND 2CHAINS
- 4- 4 WHEELS AND 2 SHAFTS
- 5- COMPRESSED AIR TANK
- 6- ARDUINO CONTROLLER
- 7-POWER SOURCE
- 8- BLUETOOTH MODULE

TOTAL COST =7800 EGP



ELDABABA



MAIN SPECIFICATIONS

AVERAGE VELOCITY IS 2 M/SEC

TOTAL WEIGHT =11 KG

BRAKING DISTANCE =50 CM