

## Components List – Team 19 – Zewail City

Attitude Dynamics Control Subsystem.

Under supervision of EgSA.

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In this document, a list of components used for final project are presented.

Component	Notes
DC Motor	Specs are presented <b>here</b>
Support Shaft <sup>1</sup>	See footnote
Arduino Mega	Specs are presented <b>here</b>
Breadboard	N/A
Ball Bearing	See footnote
Reaction Wheel	See footnote
BTS7960 Motor Driver	Data sheet can be found <b>here</b>
Wires and Conections	N/A
Screws and Fasteners	N/A
Lithium polymer Battery	Specs are presented <b>here</b>
Body Structure	See footnote
Inertial Measurment Unit – MPU6050	More info can be found <b>here</b>
Serial Bluetooth Module	More info can be found <b>here</b>
Aluminum Base	See footnote

*This concluded the project's components.*

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<sup>1</sup>All the structural components CAD representation can be found **here**