* **Project overview:**

**antenna control system for tracking the satellite using two methods:**

* **Auto tracking method by Arduino :** Code to control the speed and direction of the antenna's movement.

The Controller accepts manual positioning of the antenna, by means of two rotary encoders, Azimuth and Elevation. It can automatically track satellites, when connected by USB to a PC running satellite tracking software.

The controller outputs a response on serial, for the tracking software to display the real antenna position on the screen.

* **Manual tracking method:** Controlling the direction of the antenna by switches and controlling its speed by potentiometers.

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