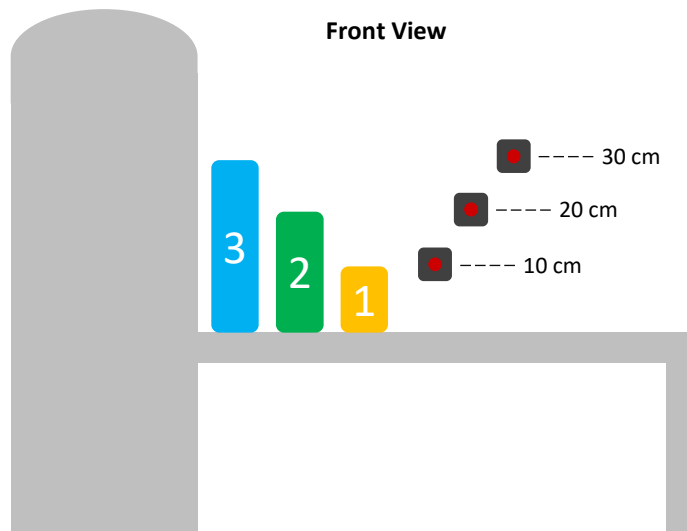


# Control System Analysis

Smart Methods Summer 2020 Internship

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This is a description of a production line control system. Using specific type of sensors and motors the production line will be able to divide the products into separate lines according to their size



Using three LDR will be placed above each other with a 10 cm distance between each one of them to cover all the size possibilities which are: 10cm, 20 cm and 30 cm.

**Object 1:** sensor 1 will be activated, servo motor rotate left

**Object 2:** sensor 2 will be activated, servo motor rotate right

**Object 3:** sensor 3 will be activated, servo motor return to straight position

