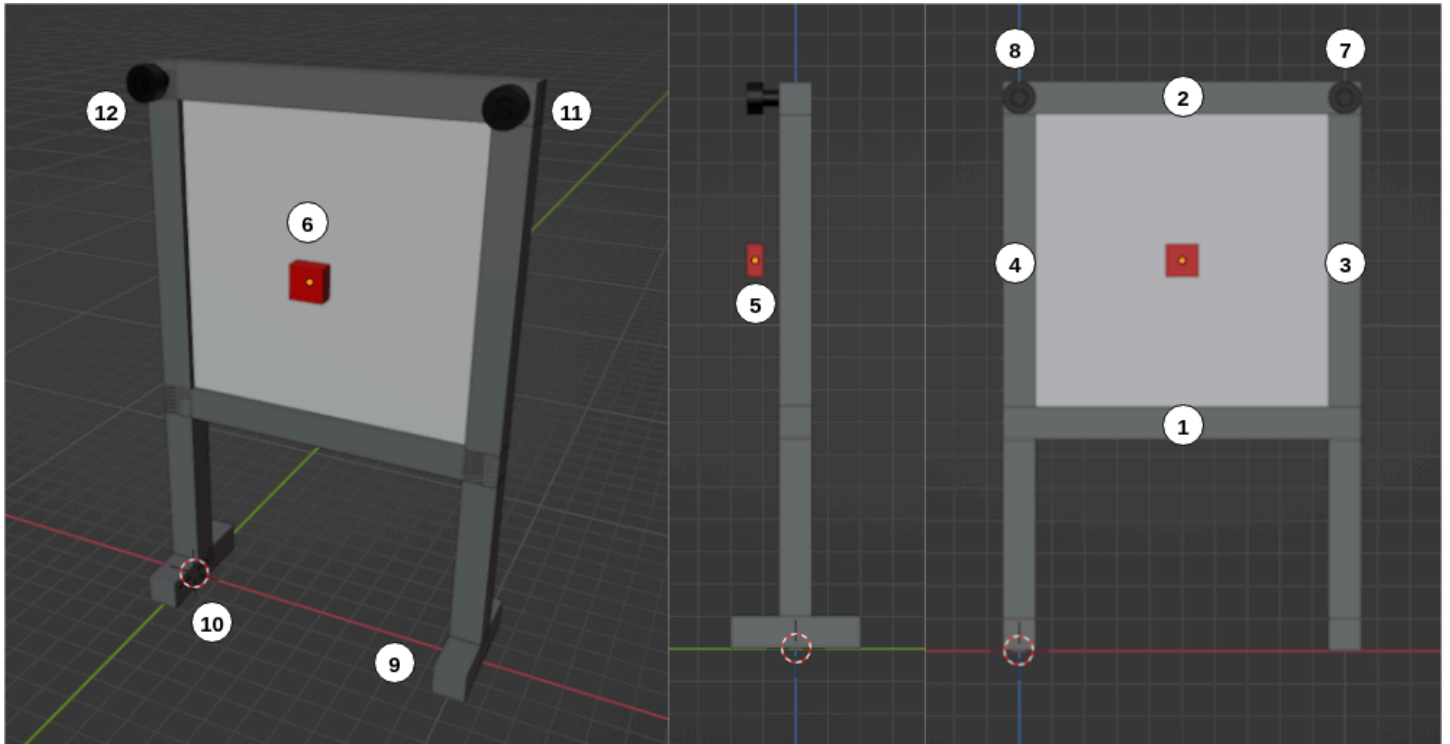


## STRUCTURE OF THE CABLE DRIVEN PARALLEL ROBOT (CDPR)

### SKETCH



## MEASUREMENTS

| INDEX | NAME                | POSITION (X, Y, Z) | ROTATION (X, Y, Z) | DIMENSIONS (X, Y, Z) |
|-------|---------------------|--------------------|--------------------|----------------------|
| 1     | bottom_edge         | (0.5, 0, 0.7)      | (0, 0, 0)          | (1.1, 0.1, 0.1)      |
| 2     | top_edge            | (0.5, 0, 1.7)      | (0, 0, 0)          | (1.1, 0.1, 0.1)      |
| 3     | right_column        | (1, 0, 0.875)      | (0, 0, 0)          | (0.1, 0.1, 1.75)     |
| 4     | left_column         | (0, 0, 0.875)      | (0, 0, 0)          | (0.1, 0.1, 1.75)     |
| 5     | end_effector        | (0.5, -0.125, 1.2) | (0, 0, 0)          | (0.1, 0.05, 0.1)     |
| 6     | whiteboard          | (0.5, 0, 1.2)      | (0, 0, 0)          | (1, 0.05, 1)         |
| 7     | right_wheel         | (1, -0.125, 1.7)   | (90, 0, 0)         | (0.1, 0.1, 0.05)     |
| 8     | left_wheel          | (0, -0.125, 1.7)   | (90, 0, 0)         | (0.1, 0.1, 0.05)     |
| 9     | right_support       | (1, 0, 0.05)       | (0, 0, 0)          | (0.1, 0.4, 0.1)      |
| 10    | left_support        | (0, 0, 0.05)       | (0, 0, 0)          | (0.1, 0.4, 0.1)      |
| 11    | support_right_wheel | (1, -0.05, 1.7)    | (90, 0, 0)         | (0.05, 0.05, 0.2)    |
| 12    | support_left_wheel  | (0, -0.05, 1.7)    | (90, 0, 0)         | (0.05, 0.05, 0.2)    |