- Giving spin to the ball
    - 2 Wheels and Spinning Head
    - 3 Wheels
    - 4 Wheels
    - 2 Tension Belt with spinning head
    - Small Ledges with Friction pad
- Giving speed to the ball
    - 2 Wheels and Spinning Head
    - 3 Wheels
    - 4 Wheels
    - 2 Tension Belt with spinning head
    - Throwing with propeller/paddle
    - Hammer
- Giving pitch angle to the launching mechanism
    - Gear
    - Single worm gear
    - Bevel Gear
    - Four bar
    - Rope-Controlled Head Pulley
- Giving yaw angle to the launching mechanism
    - Gear
    - Gear from base
    - Single worm gear
    - Bevel Gear
    - Four bar
    - Dual slider Crank
- Accepting frequency information from the user
    - Integrated Controller
    - Remote Controller
    - Mobile Application
    - Wired Remote Controller
- Accepting trajectory information from the user
    - Integrated Controller
    - Remote Controller
    - Mobile Application
    - Wired Remote Controller
- Accepting numerical information from the user
    - Potentiometer with Buttons
    - Encoder with Buttons
    - Touchscreen
    - Buttons
- Allowing user to position the device
    - Clamps
    - Magnets

    - Suction Cups
    - Rail System
    - Wheels
- Controlling the spin of the ball
    - Servo
    - Stepper
    - DC
    - BLDC
- Controlling the speed of the ball
    - DC
    - BLDC
- Controlling the yaw angle
    - DC
    - BLDC
- Controlling the pitch angle
    - Servo
    - Stepper
- Controlling the ball feed for storage
    - Servo
    - Stepper
- Controlling the ball feed for launching
    - Stepper
- Controlling the ball feed for launching
    - Stepper
- Catching the balls
    - Net
    - Spherical Wall
    - Wiper
- Storing the balls
    - Box
    - Tunnel - Closed Tube
    - Groove
    - Gravity Funnel
- Transferring balls to launch
    - Slider Crank
    - Maltese Wheel
    - Rotating Pusher
    - Gravity
- Giving the balls desired frequency
    - Slider Crank
    - Maltese wheel
    - Rotating pusher
    - Lid mechanism
    - Hinge mechanism

    - Rotating hole
- Transferring the balls from storage
    - Maltese wheel
    - Spiral Lift
    - Translating Box
    - Belt mechanism