**FUNCTIONAL SPECIFICATIONS**

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| SL NO | FUNCTIONS | OPERATIONS |
| 1. | DC motor is on. | The plate starts rotating when the motor is turned on. |
| 2. | IR Sensor 1 detects first pot. | Drops seed into first pot simultaneously. |
| 3. | IR Sensor 2 detects second pot. | Drops soil in second pot simultaneously. |
| 4. | IR Sensor 3 detects third pot. | Drops seed in third pot simultaneously. |
| 5. | IR Sensor 4 detects fourth pot. | Drops soil in fourth pot simultaneously. |
| 6. | Once all pots are filled with seed and soil, process completion is indicated and the plates will stop moving. | LED light glows. |
| 7. | DC motor is off. | Plate stops moving. |