|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SUBFUNCTIONS | 1 | 2 | 3 | 4 |
| Hold the pots | Vertical Column Holder | Tray based holder | Placed on conveyor belt | Manual placing of pots on sowing section |
| Sense availability of pots | IR sensor | Ultrasonic sensor | Thermal sensor | Camera based sensor |
| Move pot to sowing section | Conveyor belt | Waterfall Mechanism | Rotating Disc | Push Mechnism |
| Dispense soil and seed | Flap mechanism which periodically vibrates | Pulley based | Rotating disc with hole for soil and seed dispensing |  |
| Choose seed | Mobile app input  Android Developers Blog: New Google Play SDK Index helps you choose the  right SDKs for your app | Switch based input | Token based input | Manual  Manual Input, Manual, Spade Icon - Manual Input Icon - Free Transparent PNG  Clipart Images Download |
| Choose b/w size of pots | Manual  Icon Manual #18953 - Free Icons Library | Button based | Mechanical | App based |
| Indicate when done | LCD Display | LED lights | Buzzer | App Indication |

.