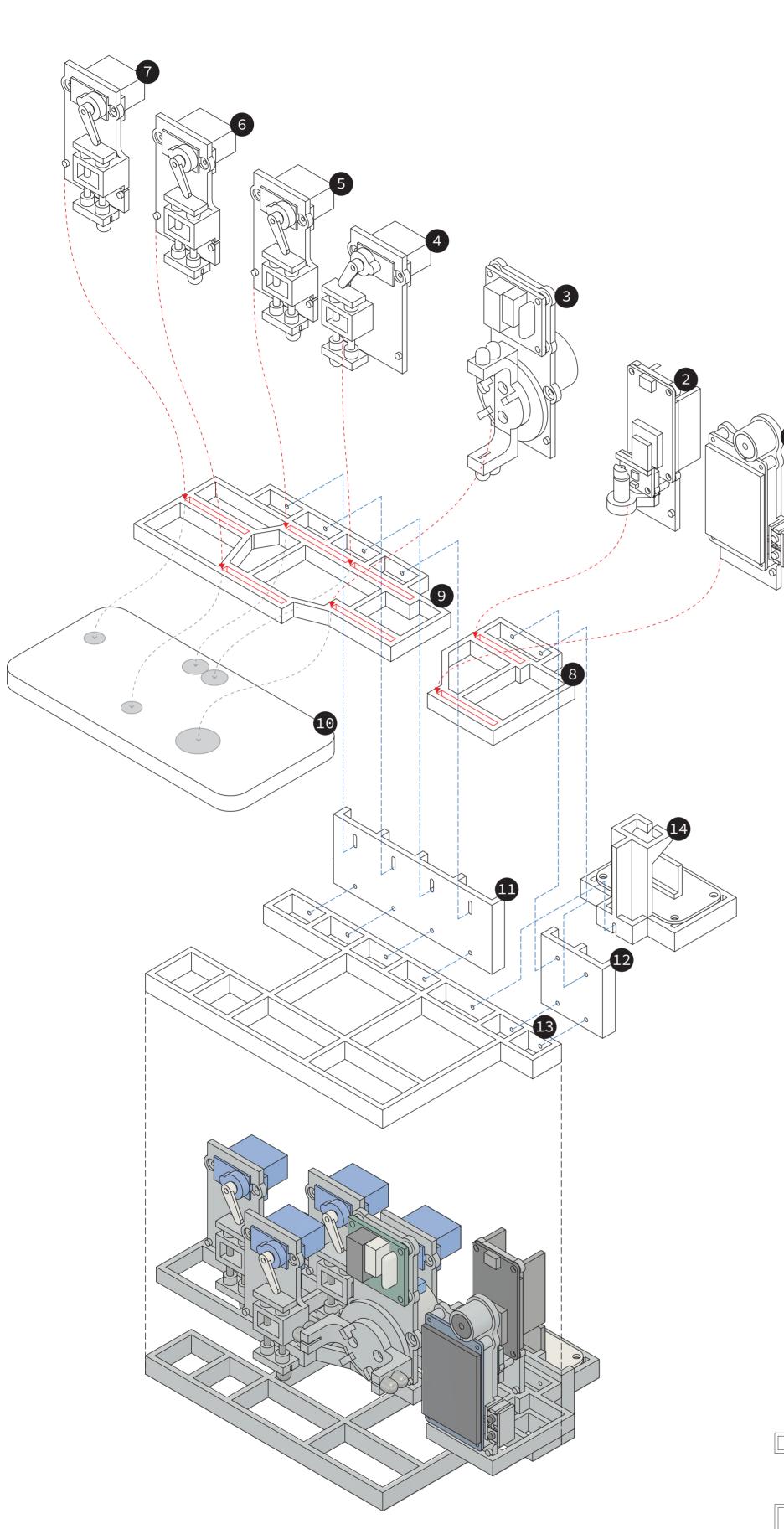
FULL-AUTOMATIC IMMATERIAL LABOURING SERIES F.A.I.L.S.





User Interface Module

Components

240*320 LCD Screen

Buzzer **Buttons**

What for

It displays the working process and feedbacks of the machine in

It allows user to start and restart the machine.

It provides the sound feedback to the user.



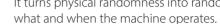
Computing & Randomness Module

Components ESP32 Dev Kit Microcontroller Vibration Motor

MPU6050 Accelerometer

What for

It controls and coordinates all the functional modules. It generates physical randomness by sensing the motion of the vibration motor vibrating in random rate. It turns physical randomness into random decisions to control



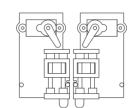


Scrolling Module

Components Replaceable Conductive Tips

CR2032 3V Lithium Battery 28BYJ-48 Stepper Motor ULN 2003 Stepper Motor Driver

It replaces users' finger movement and automatically scrolls down the video stream based on random decisions.



4 5 6 7 Clicking Modules

Components

SG90-9G Servo Motor 3mm metal rod,

Replaceable Conductive Tips

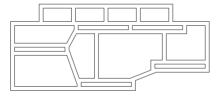
They click on the content appeared on screen based on random

The Clicking Module A clicks the 'Dislike' button.

The Clicking Module B clicks the 'Research Results' area.

The Clicking Module C clicks the 'Like' button.

The Clicking Module D clicks the 'Search' button.





Chassis

Components Plastic Structural Parts

What for

They are programmable modules holder that hold all functional modules in position and offer the flexibility for targeting different digital content on the phone.





Digital Devices (not included)

Components

Digital Devices (not included)

What for

It is the targeted digital Devices.

It is able to work on different digital devices like Android Phone, iPad, etc with different Chassis.







Components

Plastic Structural Parts

What for

It holds the chassis in proper height. It offers the spring-like flexibility when functional modules are





Base

Components Plastic Structural Parts

What for

It holds the digital device in position. It supports all structures above it or attached to it.







Components

Plastic Structural Parts Circuit Board



It holds and organises wires. It holds Circuit Board in position.

