

SCREEN 2 GREEN



Grow with me

Team 1

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Kacper



Hanna



Sunwoo

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The team



Ymke



Sophie



Avkaran

Agenda

- **Problem and solution**
- **Product and development**
- **Customer concerns**
- **Packaging and branding**
- **Future developments**
- **Team video**



**Do you feel like you spend
too much time on your
phone?**

The problem

Over 6.5 hours of daily screen time leads to anxiety, depression, and stress in young adults.



Data

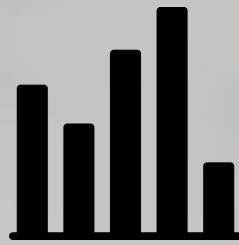
**7 h 37 average daily
media consumption**



The solution



Focus sessions



Screen-time tracking



Automated irrigation



Behavior feedback



Who is it for?



Students

- Improve focus
- Reduce distractions
- Better study habits



Young professionals

- Healthier routines
- Increase productivity
- Improve work-life balance



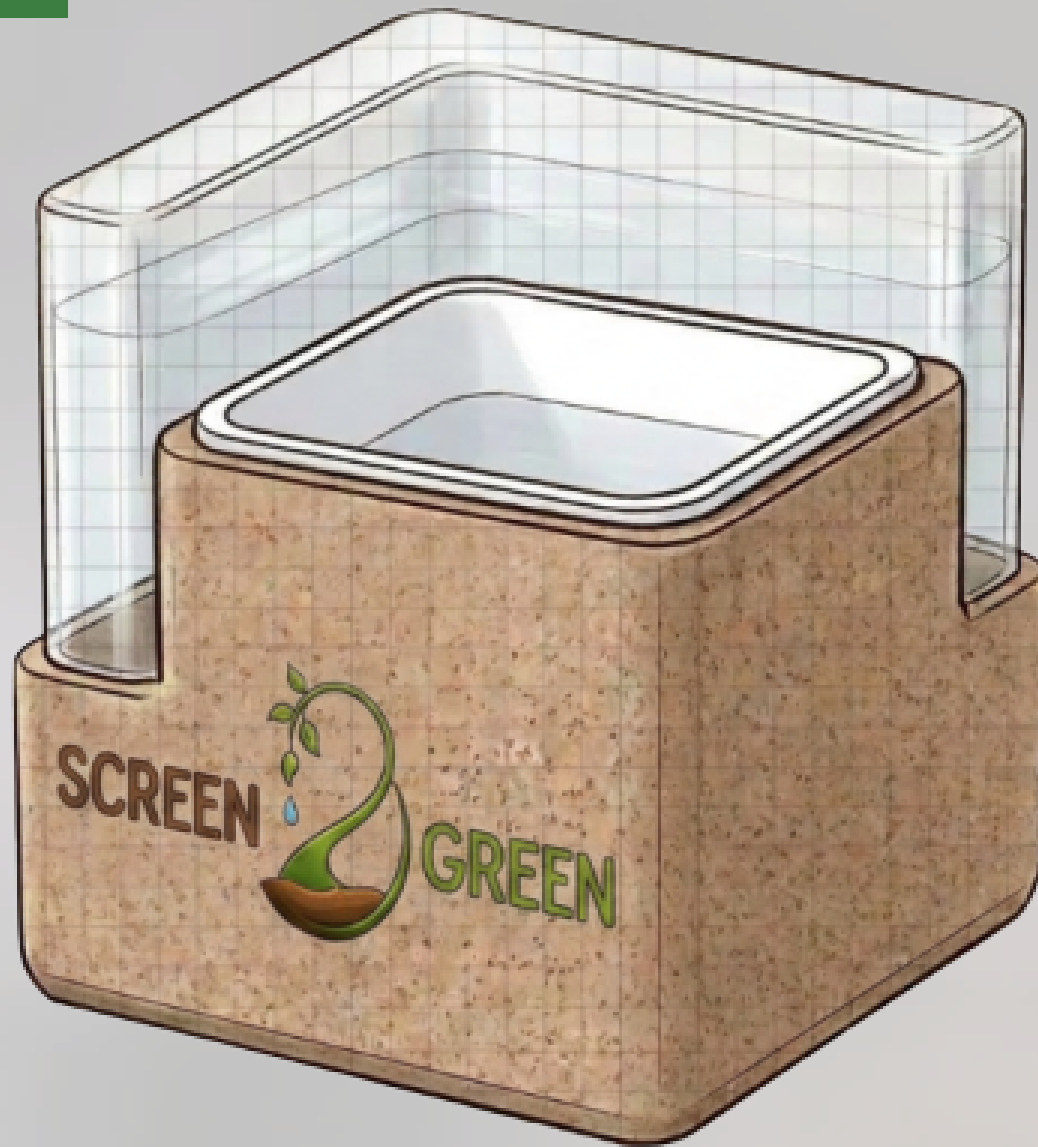
Lifestyle enthusiasts

- Wellbeing focused
- Sustainable living
- Lifestyle interested

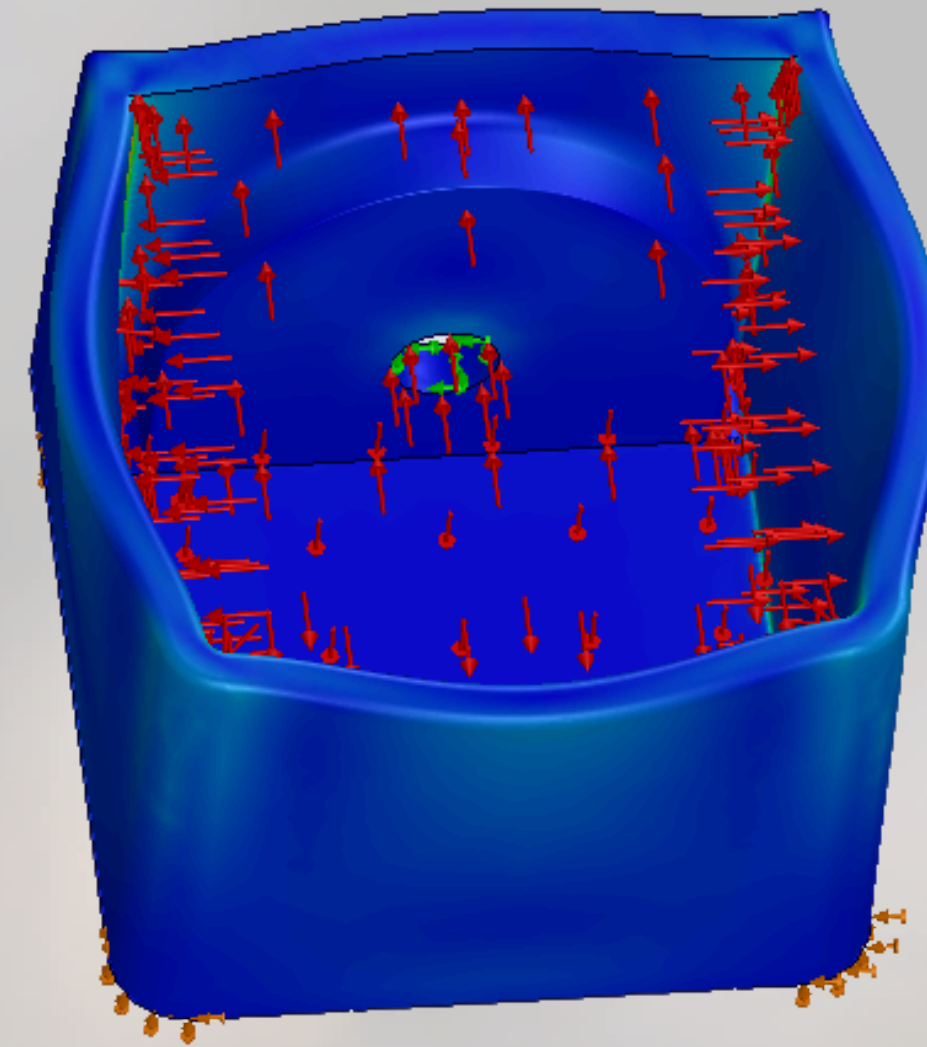
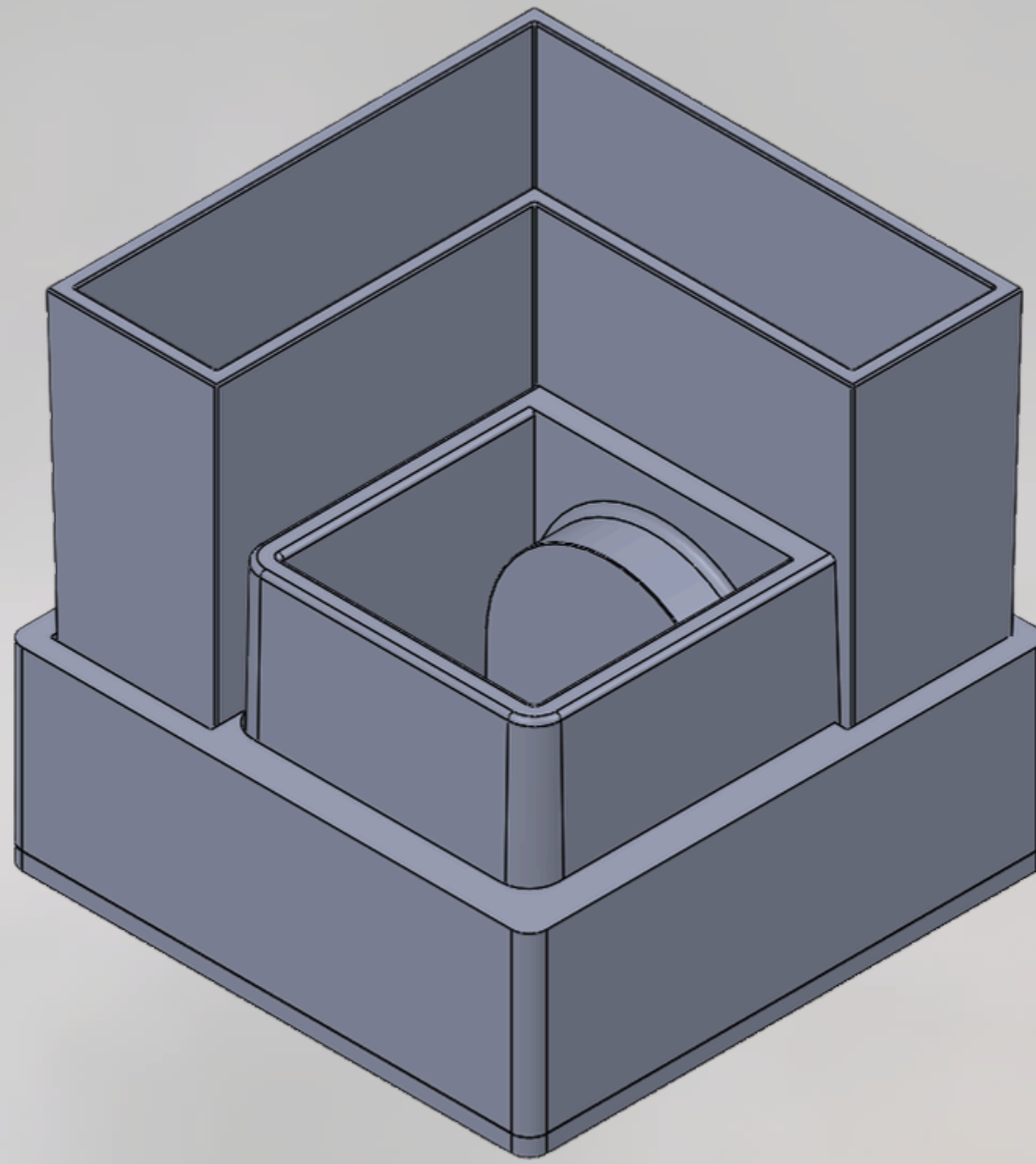
13 CLIMATE
ACTION



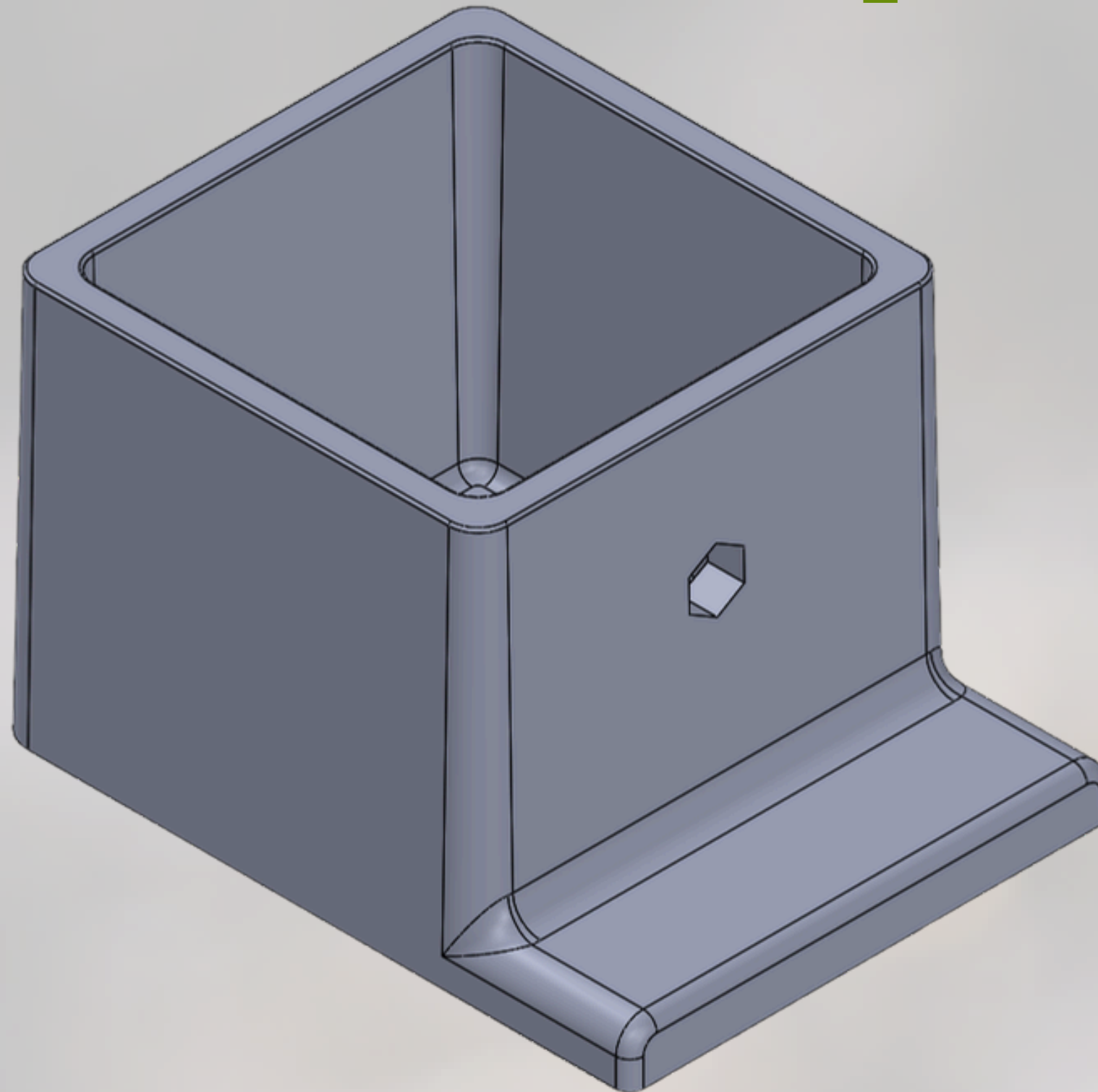
Product

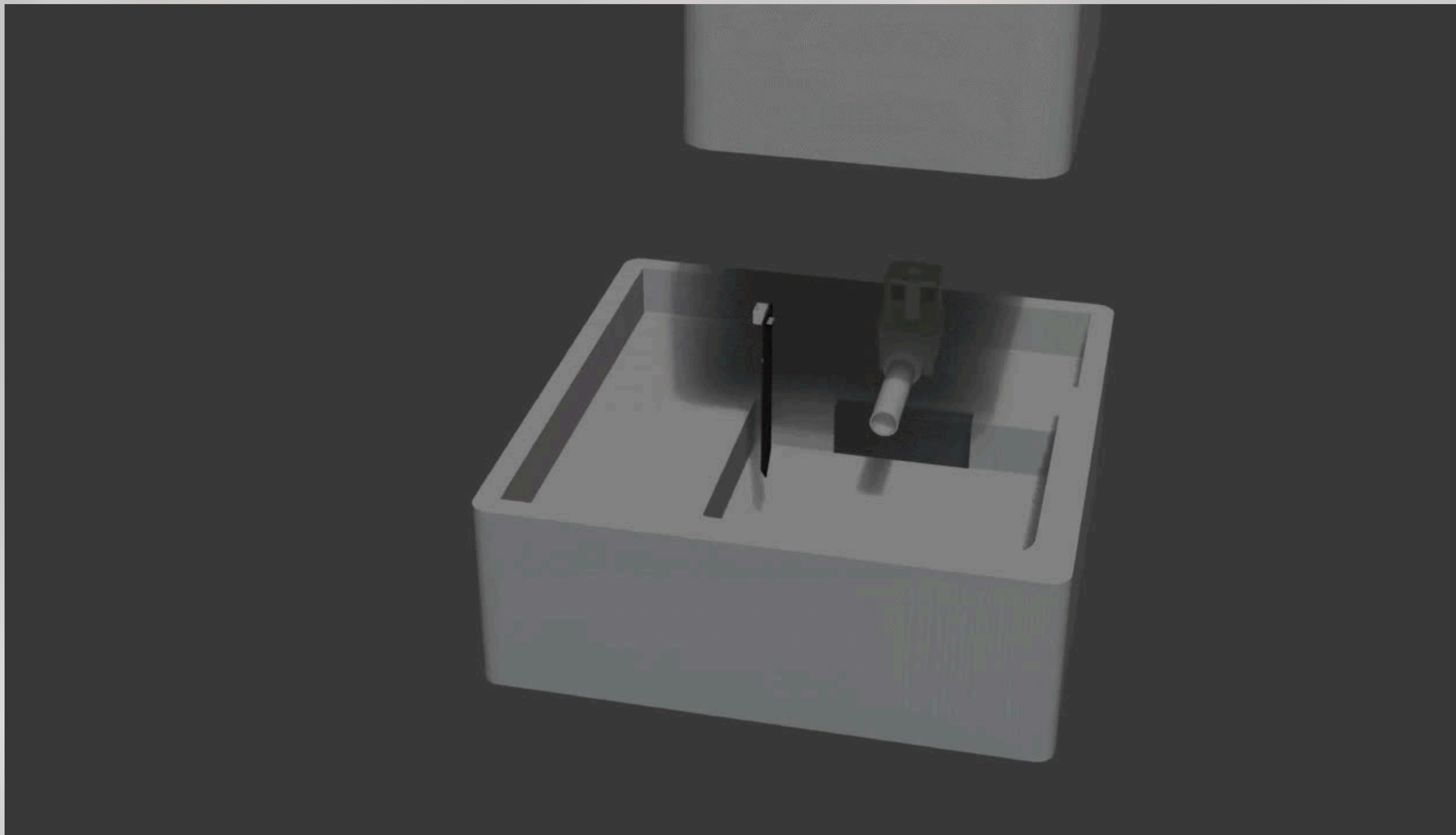


Technical aspects



Technical aspects





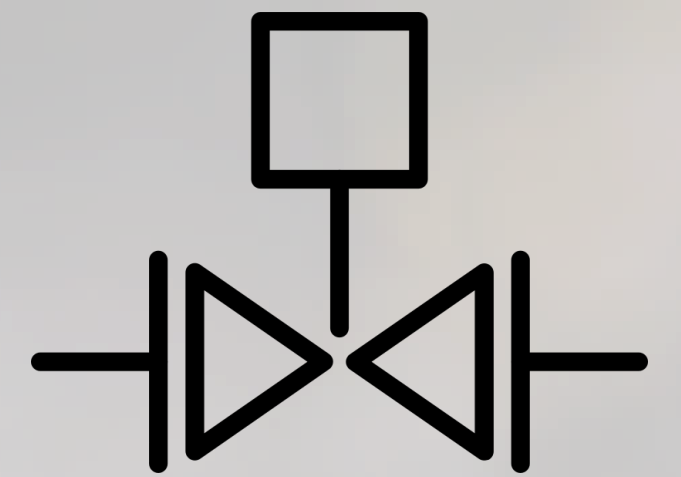
Hardware

Sustainability:

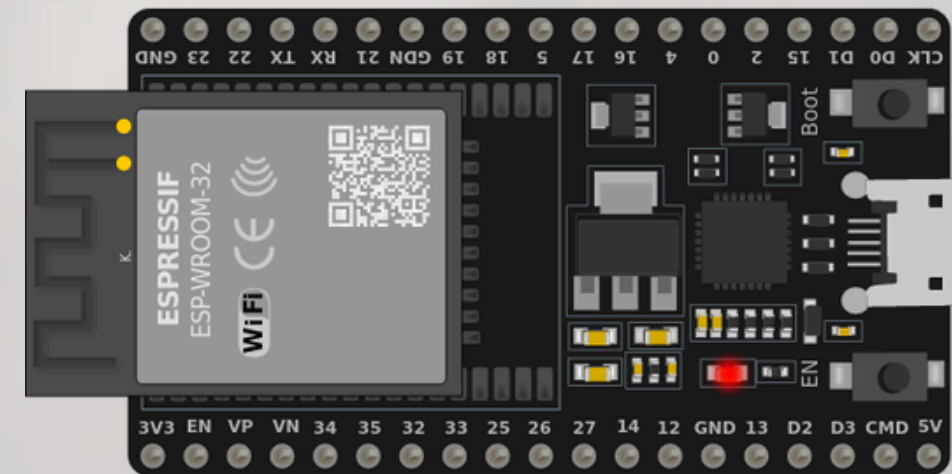
- Low energy use
- Optimal water consumption



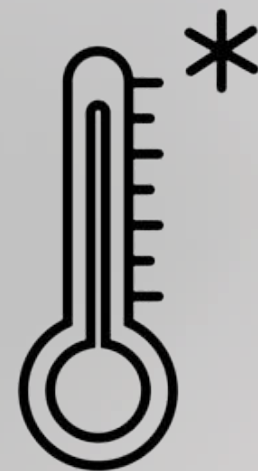
Relay module



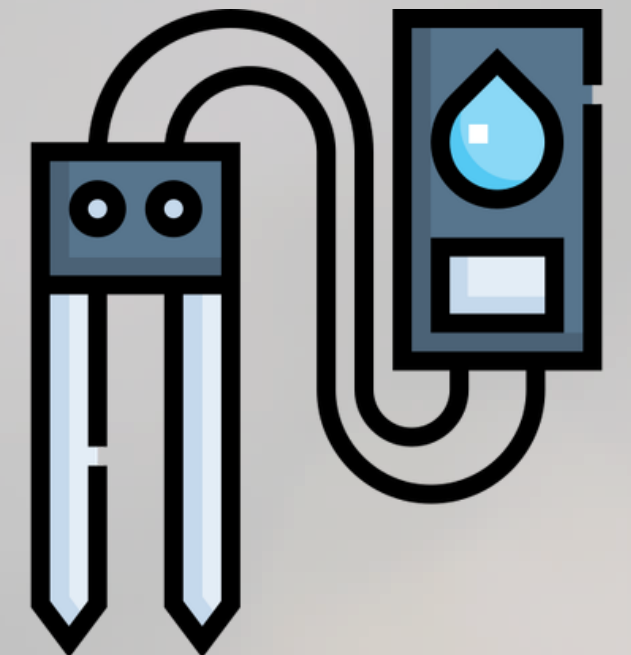
Solenoid valve



ESP32



Temperature
sensor



Soil moisture sensor

Prototype

Power supply

ESP

Relay

Soil

Temperature

Pump

**Solenoid
valve**

Prototype

Solenoid valve

Mass production

Motorized valve

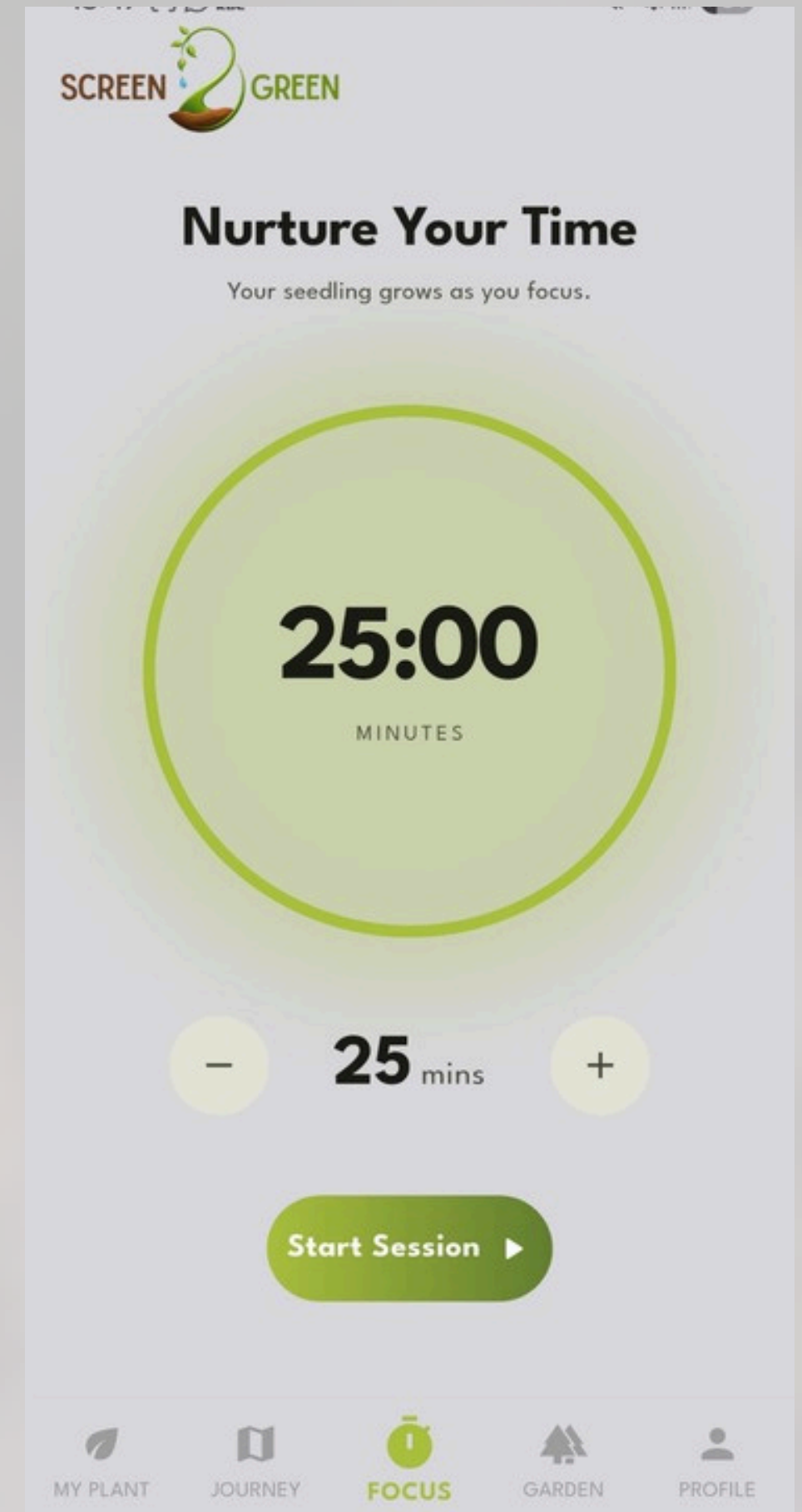
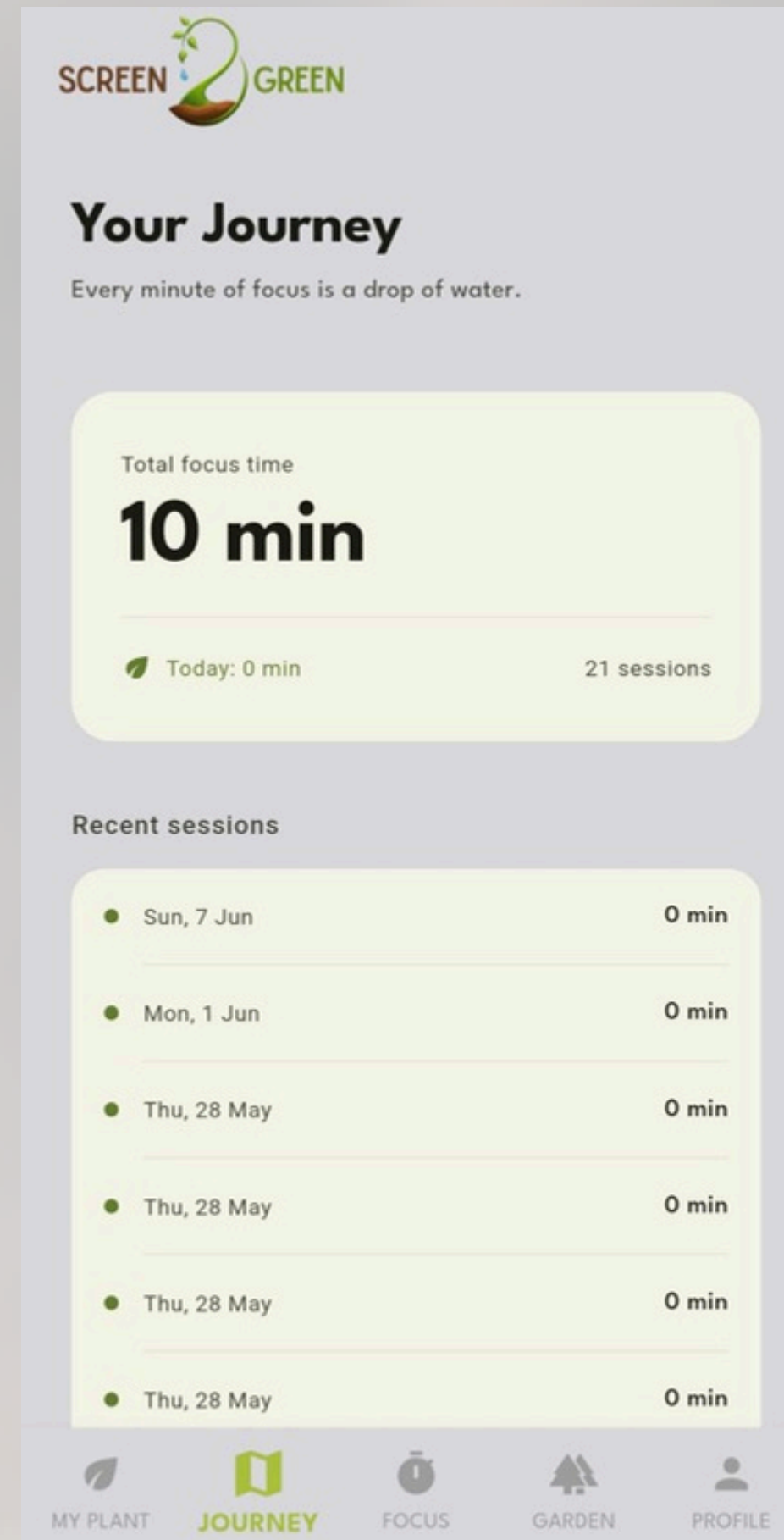


Category	Solenoid Valve	Motorized Ball Valve
Needs Pump	Yes	No
Working Pressure	0.02 to 0.8 MPa	0.0 to 1.0 MPa
Voltage	12 VDC	12 VDC
Current Draw	420 mA	100 mA
Cost	9.50€	33.15€



Software

- Keep track of everything
- Block out distractions
- Share your progress
- Android only



Customer concerns

- **Just another App?**
- **Manipulation?**
- **Data privacy?**
- **Plant welfare?**



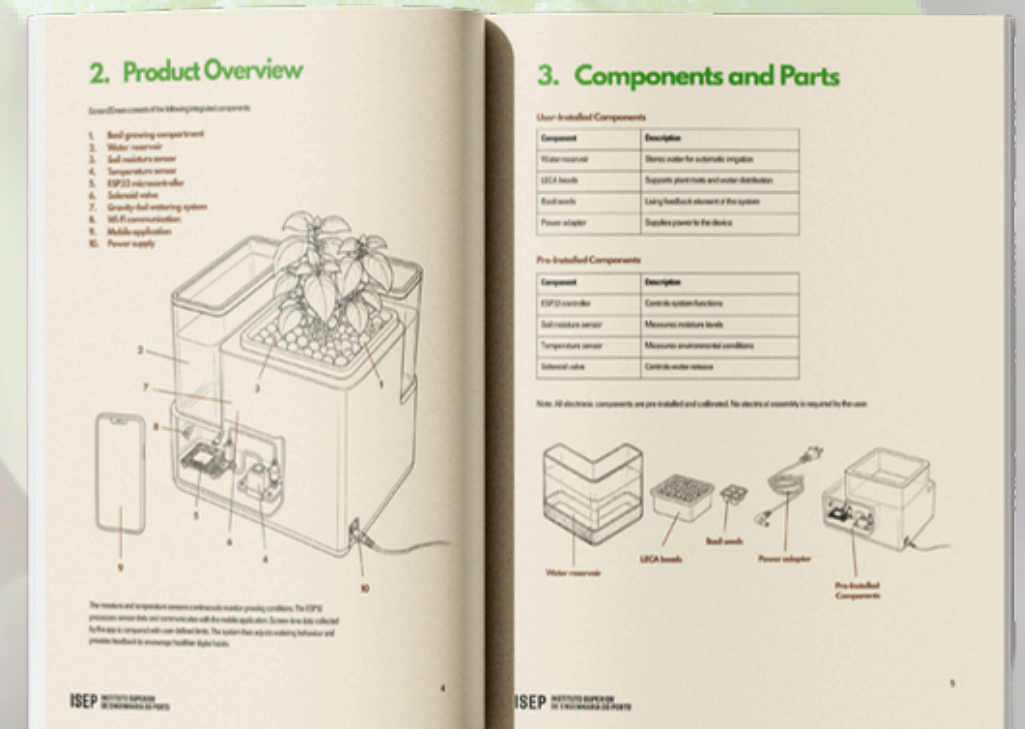
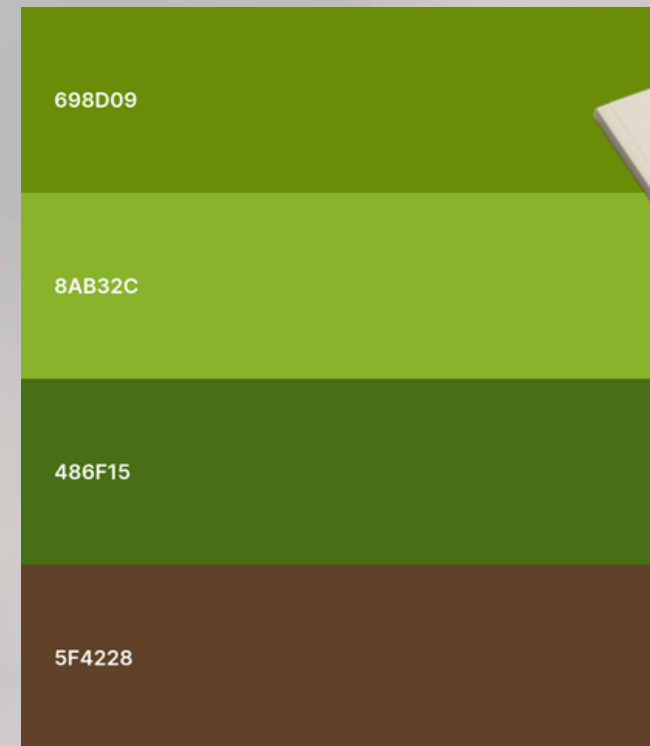
Packaging

- Product parts
- Sustainable materials
- Reusable tray





Our brand



What's next?

- **Test the product with real users**
- **Expand the plant options**
- **Keep improving the app features**
- **Reduce cost and develop a more complete version**

The Team

