WALZE

Our product engages the user with the plant growing experience. As they continue to grow their plants, they will begin to feel the amazing benefits that these can bring to their physical and mental wellbeing. Plants will purify the air, provide a relaxed presence and sometimes can provide a healthy meal!

With more and more people living in urban environments; we aim to improve their living environment by providing an accessible solution, that helps them grow plants successfully indoors

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walze

CONCEPT

Our product aims to improve physical wellbeing by encouraging new users to take up indoor gardening. It assists the users in looking after their plants through a smart timer and watering system. Our pot provides a more engaging experience by affording physical interactions with it, through refilling it and resetting the timer. The timer can be set to the number of days until you next want to water your plant. If you're away and can't tend to your plant yourself, the timer also powers an automatic water delivery system. The product creates a constant visual interest while it rotates as the timer mechanism rewinds, providing a soft and calm reminder to care for the plant.

Exploded View

EXPLORATION & VALIDATION

A considerable proportion of our global population live in an urban environment, many with limited access to nature. A growing number of young people especially live in these environments, many young people are open minded to improving their physical wellbeing but may not always follow through, to validate our decisions and get user requirements we liaised with a focus group of the target audience, some of whom were experienced gardeners, to ensure that our product met the needs of the users and that it was feasible for effective plant growth. From this we developed a automated watering system for when the user went away or didn't have time, and a way to subtly remind the user to water their plant. These features were developed to answer the user needs while staying aligned with their will to improve their physical wellbeing.

Automated watering system
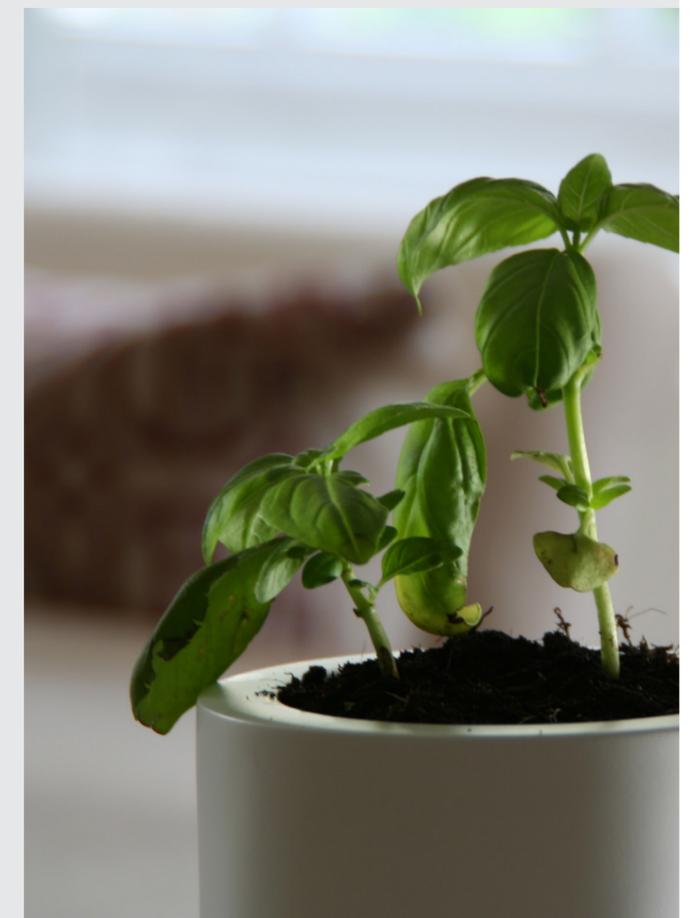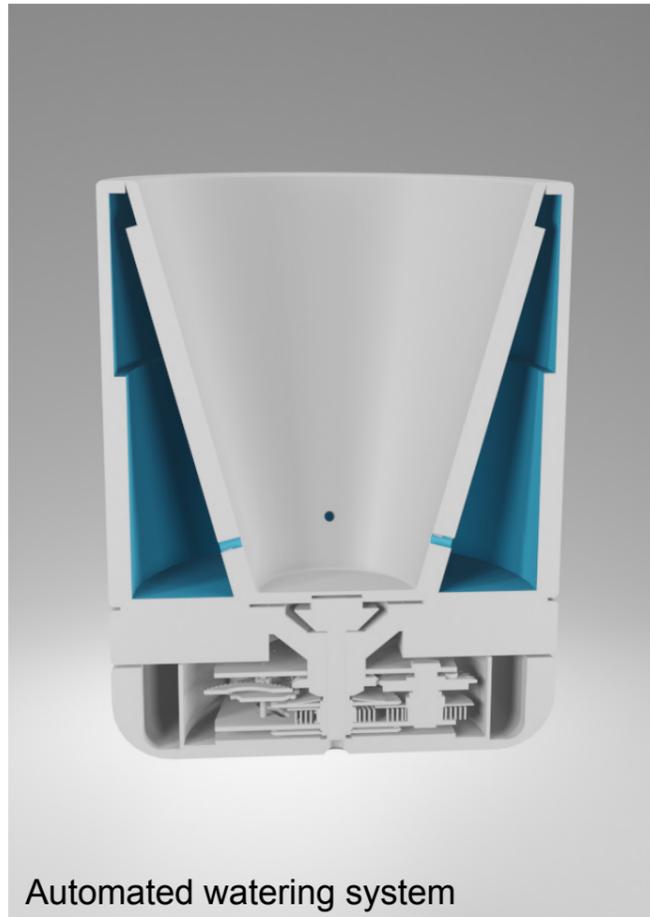
CREDITS & REFERENCES

Credits:

Special thanks to the Imperial Environmental Society Gardeners.

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