

Bubble

Dorm Room Planter

2023

What is Bubble?

Bubble planter is a unique and eye-catching planter for dorm rooms that combines greenhouse and hydroponic technology for efficient and easy indoor gardening. It features a self-watering system, hydroponic technology, and built-in LED lights to provide the perfect growing atmosphere for plants.



Objective:

To design a product that promotes wellness and mental health during the pandemic lockdown.

Target Audience:

College students who live in residence halls on or off campus who are isolating due to the pandemic.

Problem Statement:

With the pandemic lockdown, people are experiencing stress, anxiety, and depression due to a lack of social interaction.



Bubble's plant pods are made from 100% Bio Degradeable materials the outer part of the pod is made up from a compressed coconut husk. The inside of the pod you there is nutrient dense soil and a hydrophilic bio polymer that will keep that soil moist when Bubbles water supply is running low.

Bubble Hub is the brain of the planter it monitors growth, water level and light conditions for the plants. The app alerts the owner if water is running low or other milestones or if maintenance is required. It also tracks approximate grow time for each plant and knows when the plant should be fully grown.



What Made Bubble?

61%

of young adults felt a greater amount of loneliness since the start of the pandemic

Gardening benefits students by reducing stress, improving mental health, and providing a sense of accomplishment and connection with nature.

Limitations

Universities prohibit anything to be attached to the wall through mechanical connections [Screws, Nails, Tacks]

Product Color Palette