

Green Home Gardening



Home gardening can impact biodiversity, water conservation, and pesticide use. This challenge revolves around creating environmentally friendly home gardens that promote biodiversity, conserve water, and reduce chemical pesticide usage. It targets homeowners, emphasizing the use of native plants and organic gardening practices for sustainable green spaces.

Objective

Design and create an environmentally friendly home gardening service that promotes biodiversity, conserves water, and minimizes pesticide use.

Constraints

1. The garden should be manageable for homeowners with limited gardening experience.
2. It should emphasize the use of native plants and organic gardening practices.
3. It must comply with local regulations.
4. It should address all three bottom lines: people, planet, and profit.

Design Thinking Steps

1. Empathizing: Research and understand homeowners' gardening preferences, challenges, and sustainability goals.
2. Re-defining to understand: Identify the key aspects of sustainable home gardening.
3. Ideating: Explore how you might adapt simple and cost-effective ideas for improving gardening sustainability.
4. Prototyping: Develop simple representations of your sustainable ideas.
5. Evaluating: Pilot the home gardening service and gather feedback/feedforward from stakeholders. Adjust your ideas as needed.
6. Implementing: Plan how you could monitor the impact of your sustainable solution.