Hackathon Problem Statement

Problem Statement:-

Pruning is heavy work and involves repetitive motion, so finding the right tool is very important.

Pruning is a horticultural and silvicultural practice involving the selective removal of certain parts of a plant, such as branches, buds, or roots. Reasons to prune plants include deadwood removal, shaping (by controlling or directing growth), improving or maintaining health, reducing risk from falling branches, preparing nursery specimens for transplanting, and both harvesting and increasing the yield or quality of flowers and fruits.

Examples of tree pruning machines:-

Some more examples

Youtube link :- https://www.youtube.com/watch?v=kJVz8N_PJ2E

Youtube link :- https://www.youtube.com/watch?v=a-BWoSbvI-4

You need to design a component which can be used for tree pruning.

Or

You can design a machine component which can be used for agricultural field.

Examples: -

Youtube link :- https://youtu.be/QA2EB6WTJfY