Smart resource distribution on Mars (SmartDoM)

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Sustaining human life on Mars is something we will need to learn in the process of learning to live there.

We need to carefully manage and distribute resources between different settlements across Mars.

Our Solution.

1. Design software and custom hardware for embedded systems with the appropriate capabilities.
   - Embedded systems to examine chemical composition of crop soil and atmospheric composition.
2. Setup technologically equipped satellites
   - A satellite for computer vision and detecting the elemental/mineral composition of Mars.
3. Optimise ML models
   - A hub for building complex machine learning models to predict resource depletion rate to aid decision making in what resources must be transferred between settlements and when.