



Smart Base

This project aims at Identifying and developing smart home applications that could be used in a space base.

Laboratory: TBD

Number of students: 1 (Bachelor)

Section: AR, EL, IN, SC

Status: Available (Spring 2021)



Description of the project

A wide range of parameters need to be taken into account to make astronaut's habitat safe, sustainable and comfortable. Therefore, the goal of this project would be to identify smart home applications that could be use in a space base.

Description the student's work and mission

The student would have to design a system aiming at saving energy inside the base. Asclepios I could be used to identify the energy needs of the base and elaborate recommendations. Subsequent Asclepios missions could implement those recommendations and measure the improvement.

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