**DESIGN CONCEPT**

The device will be an integrated monitoring and warning system, which

through its portability, that is, it is small and lightweight (without exceeding

300 g), promises ease of use based on the ergonomics provided by the use of

silicone rubber. It was considered the limitations of patients with senile

dementia, both physical and mental, that promises to provide autonomy to

those suffering from this pathology through greater security in the care that

those who care for patients seek to provide, solving the need for availability.

and the attention that arduous care requires with functions such as the GPS

location, the GPRS communication system and a pulse sensor, responsible for

reading the data as vital signs.