

UNIVERSIDAD DE GUADALAJARA

CENTRO UNIVERSITARIO DE LOS VALLES

MAESTRÍA EN INGENIERÍA DE SOFTWARE



Author:
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Subject:
Administración de la configuración del software

September 09, 2022

Change Request Form

Project:	<i>Design and implementation of a software for the mental control of terrestrial robots with therapeutic purposes</i>	Change ID:	<i>CR-01</i>
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Change Request

Change Title:	<i>Recording all signals produced by patient through using electroencephalogram</i>	Identification Date:	<i>01/09/2022</i>
Requested by:	<i>Dr. Omar Ali Zatarain Durán</i>	Category:	<i>Functional requirement</i>
Priority:	<input type="checkbox"/> Very High <input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/> Very Low		

Change Description & Details

Solicited change consists in recording all signals produced by patient as electroencephalogram allows.

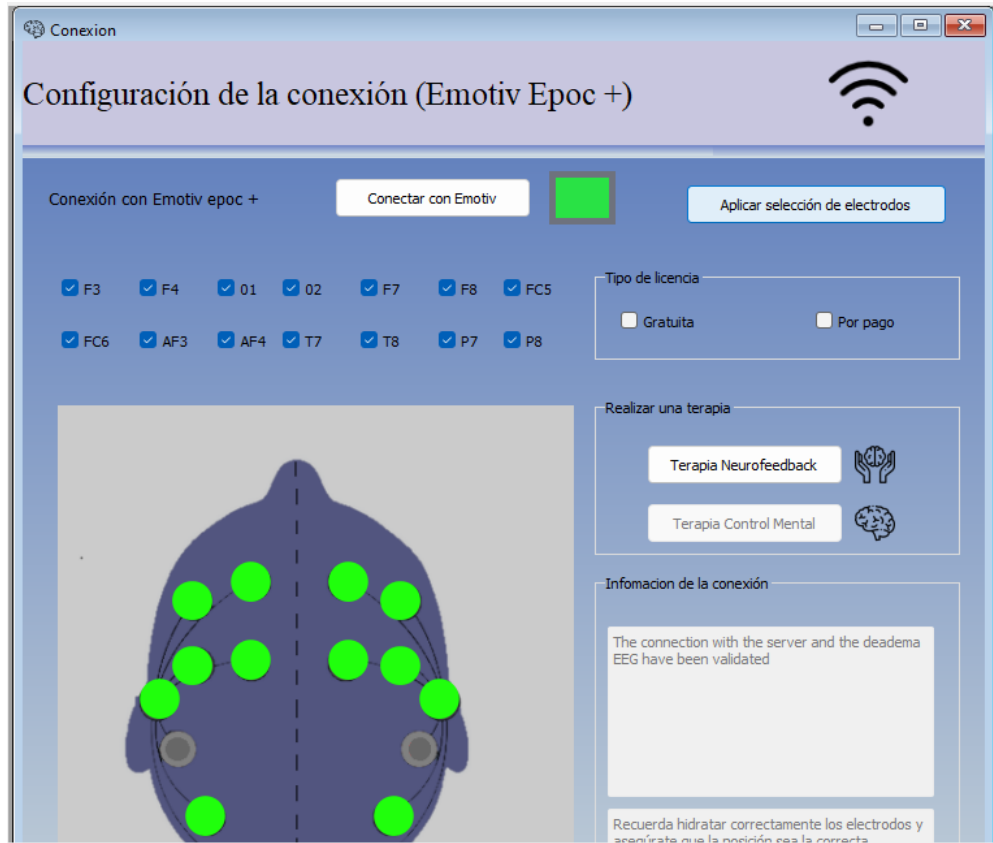
Current Situation:

Current functional requirements (RF NUMBER) describe the use of only 2 electrodes (F3 and F4) to obtain the necessary signals for performing cognitive training and to record information about it.



Desired Situation:

Client wants to select any electrode and can record, see, and use obtained information about it as the same as initial two electrodes (F3 and F4).

**Impact or Risks:**

Impact and risks are described in the following section called "Analysis of Risks"

Analysis Of Risks

Roles:

- *Project owner*: Dr. Antonio Cervantes Alvarez
- *Project manager*: Dr. Antonio Cervantes Alvarez
- *Lawyer*: University of Guadalajara (Dr. Rodolfo Omar Dominguez García)
- *Financial manager*: University of Guadalajara (Dr. Rodolfo Omar Dominguez García)
- *Quality editor*: Dr. Antonio Cervantes Alvarez
- *Human resources representative*: Ilse Aribei Hernández Meza

Issues matrix

ISSUES	Minimal	Regular	Urgent	Critical
TIME				
BUDGET				
HR				
QA				
MANDATORY LAW				

Budget

Budget is considered as minimal by following reasons:

- 1- Current electroencephalograms provide information about all the electrodes.
- 2- We don't need to buy another tool as a computer because necessities tools are available.

Time

Time is urgent because the time for project is limited and project only have one programmer assigned and the programmer needs to investigate, develop, and test the system and the current change request.

Human resources

Is considered as regular because the programmer is capable investigate and train herself about necessary skills.

Quality administration

Quality administration is a critical risk because remaining time is one year, and it is not enough for develop initial requirements and current change request.

Mandatory law

Main law is to finish whole project in before May 2023, so is impossible change delivery date.

swot analysis

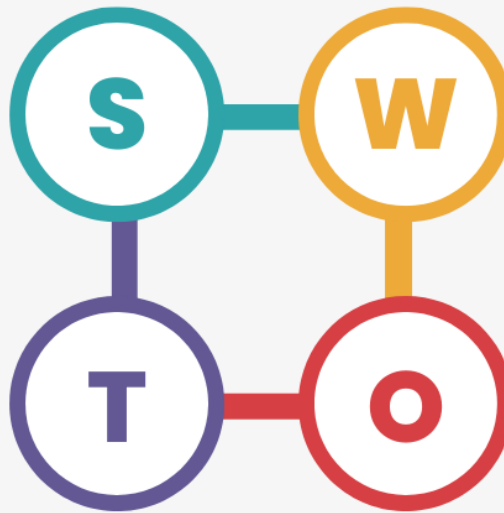
SWOT Analysis

STRENGTHS

Necessary tools and technology available, advice given by experts

THREATS

The programmer cannot dedicate himself full time to the development of the project, he needs to investigate the subject



WEAKNESSES

The time allocated to development is not enough for training and development of the change request

OPPORTUNITIES

The system will have more functionalities and can be used in different therapies in addition to ADHD.

CR-01

SWOT

References and Related Documents	Location
Base Line Document	Base Line Document