

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-04</i>
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Change Request			
Change Title:	<i>Provide the therapy remotely via Web</i>	Identification Date:	<i>07/10/2022</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

The client requests a version of the system to provide the therapy remotely via Web, as example the patient is using/wearing the devices un-Australia and the robots are in Mexico.

Current Situation:

The current designed of all system is for work in a desktop PC offline.

Desired Situation:

System must provide therapy remotely.

Configuration items:

Software CI

- 1- *Code*
New modules need to be programmed
- 2- *Data base*
Is necessary to host database in an online server
- 3- *Programming language*
Is necessary change programming language

Documentation CI

- 4- *Requirements*
New requirements must be added
- 5- *Design*
System must be redesigned
- 6- *Interface design*
Interface design must be redesigned for work in a web environment

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	Low risk	Medium risk	High risk
TIME				30%			
BUDGET (\$200,000)				50%			
HR							
QA							
MANDATORY LAW							

Budget

Budget is considered as critical by following reasons:

- 1- Is necessary more time to solve CR and to pay the salaries of developers
- 2- Is necessary to buy new technologies such an online server

Time

Time is critical because the time assigned for the project is not enough for develop the systems with CR

Human resources

It is considered urgent because developers need to be trained or employ new experts in online programming

Quality administration

Quality administration is a critical risk because the necessary time to end the hole project including the necessary time to redesign the system from desktop to web environment

Mandatory law

International features need to be implemented in the system as language

SWOT Analysis

Strengths	Weaknesses
Programmers already know the process for implementing the system	The time, budget and personal allocated to development are not enough for training and development the CR
Threats	Opportunities
Current programmer cannot dedicate herself full time to the development of the project, needs investigate the subject. Current developer is not sufficient for develop hole CR	System can be used from any place in the world The developers involved in the CR development will get skills in web develop