Equipo 1

Practica 4

Pruebas

# Test Case Specification (Systematic and Intuitive)

## Test Procedures

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Backward-Traceability** | | | | |  | | | |
| **Test Environment** | | | | |  | | | |
|  | | | | |  | | | |
| **TC-Identifier** | **V** | **R** | **N** | **Description** | **Precondition** | **Test procedures** | **Expected results** | **Ok/ Nok**  **Comments /description** |
| **Estar apagada** | | | | | | | | |
| **1** |  |  |  |  |  | **1.1-** se enciende la tarjeta | Se enciende y no hace nada mas | OK (Pass) |
|  |  |  |  | Reproductor esta encendido | **1.2-** no se interactua de ninguna manera con el reproductor | El reproductor permanece inactivo pero encendido | OK (Pass) |
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| **Encendido y listo para reproducir una cancion** | | | | | | | | |
| **2** |  |  |  |  | Inicio de la cancion | **2.1- se envia comando de play** | No hay cambio | OK (Pass) |
|  |  |  |  |  | **2.2-** se envia funcion de reproduccion | No hay cambio | OK (Pass) |
|  |  |  |  |  | **2.3-** se envia checksum | se enciende el led de algun color por lo menos 500ms y maximo 3 segundos | OK (Pass) |
|  |  |  |  |  | 2.4 se espera a que cambie de color | El color del led encendido a continuacion es distinto al anterior | OK (Pass) |
| Reproduciendo cualquier cancion | | | | | | | | |
| **3** |  |  |  |  |  | **3.1-** se envia comando de play | La cancion continua reproduciendose | OK (Pass) |
|  |  |  |  |  | 3.2 - se envia funcion de skip | La cancion continua reproduciendose | OK (Pass) |
|  |  |  |  |  | 3.3 - se envia checksum | Cambia el patron de luces de la cancion | OK (Pass) |
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4 – Reproduciendo cualquier cancion

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| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | Se envia comando de ecualizador | La intencidad del led no cambia | OK (Pass) |
|  |  |  |  |  | Se envia comando de disminuir barra | La intencidad del led no cambia | OK (Pass) |
|  |  |  |  |  | Se envia checksum | La intencidad del led disminulle | OK (Pass) |

5 – el reproductor esta detenido

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| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | Se envia comando de play | El reproductor esta en stand-by | OK (Pass) |
|  |  |  |  |  | Se envia comando de ecualizador | Envia mensaje de comando invalido | **OK (Pass)** |

# Test Report

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SW VALIDATION TEST REPORT** | | | **Date**  (dd/mm/yyyy) | |
| **03/05/2016** | |
| **Product** | | | | |
| **Project name** | **Practica 4** | | | |
| **Functionality** | **Reproductor de canciones con secuencias de led que recibe comandos a trabes de una coneccion con protocolo UART** | | | |
| **SW Tested Baseline** (ccaavtMMmm) |  | | | |
| **Test specification name** | Comunicacion con protocolo UART | | | |
| **Work Package Reference** |  | | | |
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| **General Test Results** | | | | |
| ***Estimated test time*** *(hours)****:*** |  | ***Final test time*** *(hours)****:*** | |  |
| ***Existing number of tests:*** | **5** | ***Number of planned tests***  *Subset of existing test according to STS* | | **5** |
| ***Number of performed tests:*** | **5** | ***Number of tests not done:*** | | **0** |
| ***Number of deviations:*** | **0** | ***Number of failed tests:*** | | **0** |
|  | | | | |
| **Test performed by**  (first name, last name - department) | | **Test approved by**  (first name, last name - department) | | |
| **Landeros Delgado, Cesar Fernando** | | Landeros Delgado Cesar Fernando | | |