

Logic Specification Template Transformación DB

27/04/17

0.1

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**Control De Versiones**

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| Nombre Del Archivo | Versión | Fecha de modificación | Autor | Comentarios |
| Csoft-Logic\_Specification\_Template\_Transformación\_DB-270417.docx | 0.1 | 27/04/17 | BRA |  |
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# Logic Specification Template

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| Student | BRA | | Date | 27/04/17 |
| Program | Transformación DB | | Program # | N/A |
| Instructor | PEBM | | Language | C |
| Object | N/A | | Function | N/A |
| **INCLUDES:**  **TYPE DEFINITIONS:**  **Declaration:** | | stdio.h  sqlite3.h  sqlite3.c | | |
|  | | N/A | | |

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| **Reference:** | N/A |

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| **Logic reference numbers** | **Program logic, in pseudocode** |
| 0 | imprime menú |
|  | 1. Verificar Acceso |
|  | 2. Crear Tabla |
|  | Seleccionar opción: |
|  | guardar opción en opc |
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| **Logic reference numbers** | **Program logic, in pseudocode** |
| 1 | int resultado |
|  | sqlite3 \*basedatos |
|  | resultado=sqlite3\_open(“test.db”,&basedatos) |
|  | if( SQLITE\_OK != resultado) |
|  | printf(Error en la apertura) |
|  | if( SQLITE\_OK == resultado) |
|  | printf(Base de datos abierta) |
|  | sqlite3\_close(basedatos) |
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| **Logic reference numbers** | **Program logic, in pseudocode** |
| 2 | comando sql |
|  | rc = sqlite3\_exec() |
|  | if (rc != SQLITE\_OK) |
|  | fprintf (stderr, “SQL Error. %s”,zErrMsg) |
|  | sqlite3\_free(zErrMsg) |
|  | else |
|  | fprintf(stdout, “Tabla Creada”) |
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| **Logic reference numbers** | **Program logic, in pseudocode** |
| 3 | comando sql |
|  | rc = sqlite3\_exec() |
|  | if (rc != SQLITE\_OK) |
|  | fprintf (stderr, “SQL Error. %s”,zErrMsg) |
|  | sqlite3\_free(zErrMsg) |
|  | else |
|  | fprintf(stdout, “Valores ingresados correctamente”) |
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| **Logic reference numbers** | **Program logic, in pseudocode** |
| 4 | comando sql |
|  | rc = sqlite3\_exec() |
|  | if (rc != SQLITE\_OK) |
|  | fprintf (stderr, “SQL Error. %s”,zErrMsg) |
|  | sqlite3\_free(zErrMsg) |
|  | else |
|  | fprintf(stdout, “Operación Exitosa”) |
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| **Logic reference numbers** | **Program logic, in pseudocode** |
| 5 | comando sql |
|  | rc = sqlite3\_exec() |
|  | if (rc != SQLITE\_OK) |
|  | fprintf (stderr, “SQL Error. %s”,zErrMsg) |
|  | sqlite3\_free(zErrMsg) |
|  | else |
|  | fprintf(stdout, “Operación Exitosa”) |
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| **Logic reference numbers** | **Program logic, in pseudocode** |
| 6 | comando sql |
|  | rc = sqlite3\_exec() |
|  | if (rc != SQLITE\_OK) |
|  | fprintf (stderr, “SQL Error. %s”,zErrMsg) |
|  | sqlite3\_free(zErrMsg) |
|  | else |
|  | fprintf(stdout, “Operación Exitosa”) |
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