

State Specification Template Cambios Alumnos

01/05/17

0.1

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**Control De Versiones**

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| Nombre Del Archivo | Versión | Fecha de modificación | Autor | Comentarios |
| Csoft-State\_Specification\_Template\_Cambios\_Alumnos-010517.docx | 0.1 | 01/05/17 | JAGC | Creación del documento |
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# State Specification Template

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Student | | JAGC | | | Date | | 01/05/17 |
| Program | | Cambios Alumnos | | | Program # | | N/A |
| Instructor | | PEBM | | | Language | | C++ |
|  | | |  | | | | |
| Cambios alumnos | | | | | | | |
| **State Name** | | | | **Description** | | | |
| Inicio | | | | Inicia el programa. | | | |
| Cambios alumnos | | | | Función principal para el cambio de alumnos. | | | |
| Query alumnos | | | | Consulta a base de datos de alumnos | | | |
| Update alumnos | | | | Función para hacer cambios en la base de datos de alumnos. | | | |
| Salir | | | | Termina el programa | | | |
|  | | | |  | | | |
| **Function/Parameter** | | | | **Description** | | | |
| printf() | | | | Imprime datos en la pantalla | | | |
| scanf() | | | | Lee datos de la pantalla | | | |
| opción | | | | opción que elegirá el usuario | | | |
| cambios\_alumnos() | | | | Función principal de cambios | | | |
| query\_alumnos() | | | | Función de consulta | | | |
| update\_alumnos() | | | | Función de cambio base de datos | | | |
| **States/Next States** | | | | **Transition Condition** | | **Action** | |
| Inicio | | | |  | |  | |
|  | Cambios alumnos | | | True | | printf()-imprime el menú  scanf()- lee opción | |
| Cambios alumnos | | | |  | |  | |
|  | Query alumnos | | | buscar un alumno | | query\_alumnos() | |
|  | Update alumnos | | | Valor de campo cambiado | | update\_alumnos() | |
|  | Salir | | | opción=5 | | Fin. | |