*Functional Specification Template*

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| **Student** | |  | | | **Program #** |  |
|  | | | | | | | |
| **Class Name** | | | Gauss.h | | | | |
| **Parent Class** | | |  | | | | |
| **Parametros** | | | | | | | |
| **Attributes** | | | | | | | |
|  | **Declaration** | | | **Description** | | | |
|  | Gauss Double matrGauss[4][5] | | | Matriz inicializada despues de hacer eliminación gaussiana | | | |
|  | Bool bError | | | Una bandera para saber si existe un error antes de poder continuar. | | | |
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| **Métodos** | | | | | | | |
| **Items** | | | | | | | |
|  | **Declaration** | | | **Description** | | | |
|  | Gauss double matEcuacion | | | Va a funcionar como el constructor, que inicializará la matriz gausseana despues de haber hecho la eliminación correspondiente | | | |
|  | solveB0 | | | Resuelve la matriz gausseana para el valor de B0 | | | |
|  | solveB1 | | | Resuelve la matriz gausseana para el valor de B1 | | | |
|  | solveB2 | | | Resuelve la matriz gausseana para el valor de B2 | | | |
|  | solveB3 | | | Resuelve la matriz gausseana para el valor de B3 | | | |

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| **Student** | |  | | | **Program #** |  |
|  | | | | | | | |
| **Class Name** | | | Datos.h | | | | |
| **Parent Class** | | |  | | | | |
| **Parametros** | | | | | | | |
| **Attributes** | | | | | | | |
|  | **Declaration** | | | **Description** | | | |
|  | Double W | | | Dato W del cuádruplo | | | |
|  | Double X | | | Dato X del cuádruplo | | | |
|  | Double Y | | | Dato Y del cuádruplo | | | |
|  | Double Z | | | Dato Z del cuádruplo | | | |
| **Métodos** | | | | | | | |
| **Items** | | | | | | | |
|  | **Declaration** | | | **Description** | | | |
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| **Student** | |  | | | **Program #** |  |
|  | | | | | | | |
| **Class Name** | | | RegrMultiple.h | | | | |
| **Parent Class** | | | Datos.h | | | | |
|  | | | Gauss.h | | | | |
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| **Parametros** | | | | | | | |
| **Attributes** | | | | | | | |
|  | **Declaration** | | | **Description** | | | |
|  | Int n | | | Contador | | | |
|  | Double B1 | | | Parámetro de regresión multiple | | | |
|  | Double B2 | | | Parámetro de regresión multiple | | | |
|  | Double B3 | | | Parámetro de regresión multiple | | | |
| **Métodos** | | | | | | | |
| **Items** | | | | | | | |
|  | **Declaration** | | | **Description** | | | |
|  | Void display | | | Va a desplegar la información en el formato que lo pidieron de los requerimientos, para solo llamarla desde el main. | | | |