**Operational Specification Template**

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| **Student** | DIEGO ANDRES MONTEALEGRE GARCIA | **Date** | 04-04-2015 |
| **Program** | PSP 2.1 | **Program #** | 6 |
| **Instructor** | LUIS DANIEL BENAVIDES NAVARRO | **Language** | JAVA |

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| **Scenario Number** | | 01 | | **User Objective** | Encontrar el valor de X para una integral ya definida | | | |
| **Scenario Objective** | | | |  | | | | |
| **Source** | | **Step** | | **Action** | | | **Comments** | |
| Usuario | | 1 | | Ingresar a la aplicación | | | La aplicación es desplegada en Heroku | |
| Aplicación | | 2 | | Despliega la página principal. | | |  | |
| Usuario | | 3 | | Ingresa los datos de prueba. | | | Se ingresan datos correctos. | |
| Aplicación | | 4 | | Capturar datos de prueba. | | |  | |
| Aplicación | | 5 | | Realiza cálculos internamente. | | | El sistema toma los datos ingresados y de acuerdo al constructor hace los cálculos adecuados | |
| Aplicación | | 6 | | Devolver datos de los cálculos | | | El sistema debe retornar los datos necesarios para informar al usuario del resultado | |
| Usuario | | 7 | | Visualiza los resultados en la página secundaria. | | | Se especifica a que prueba corresponde el resultado. | |
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**Operational Specification Template Instructions**

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| **Purpose** | * To hold descriptions of the likely operational scenarios followed during program use * To ensure that all significant usage issues are considered during program design * To specify test scenarios |
| **General** | * Use this template for complete programs, subsystems, or systems. * Group multiple small scenarios on a single template, as long as they are clearly distinguished and have related objectives. * List the major scenarios and reference other exception, error, or special cases under comments. * Use this template to document the operational specifications during planning, design, test development, implementation, and test. * After implementation and testing, update the template to reflect the actual implemented product. |
| **Header** | * Enter your name and the date. * Enter the program name and number. * Enter the instructor’s name and the programming language you are using. |
| **Scenario Number** | Where several scenarios are involved, reference numbers are needed. |
| **User Objective** | List the users’ likely purpose for the scenario, for example, to log onto the system or to handle an error condition. |
| **Scenario Objective** | List the designer’s purpose for the scenario, for example, to define common user errors or to detail a test scenario. |
| **Source** | * Enter the source of the scenario action. * Example sources could be user, program, and system. |
| **Step** | Provide sequence numbers for the scenario steps. These facilitate reviews and inspections. |
| **Action** | Describe the action taken, such as   * Enter incorrect mode selection. * Provide error message. |
| **Comments** | List significant information relating to the action, such as   * User enters an incorrect value. * An error is possible with this action. |