**Tarea Integradora I**

Gloria Vanesa Vicuña - A00369332

Ricardo Medina Sterling - A00369009

Alejandro Osejo Ochoa - A00372469

Computación y Estructuras Discretas I

Universidad Icesi

2023

**DESIGN**

1. TAD design of the data structures used.

|  |
| --- |
| **TAD <**Name**>** |
| **<Objeto abstracto>** |
| {inv: <Invariante del TAD>} |
| Operaciones Primitivas   * <Operación> : <Entrada> → <Salida> |

|  |
| --- |
| NombreMetodo()  \*Descripción\*  {pre: precondición describe el proposito de la operación sin ambiguedades}  {post: postcondición …} |

1. Complete class diagram design using generics, including data structures, model packages, user interfaces, and tests.

In the next link, you can find the Class Diagram.

<https://miro.com/app/board/uXjVMQfpZOI=/?share_link_id=704139950420>

1. Design of test cases, including scenarios, for the structures and the system.