## Employee

|  |
| --- |
| **Attributes** |
| - id (int)  - age(int)  - duties(int)  - name (String) |
| **Methods** |
| + serialize  + getId  + setId  + getAge  + setAge  + getDuties  + setDuties  + getGender  + setGender  + getName  + setName |

## Employees

|  |
| --- |
| **Attributes** |
| - employee (ArrayList)  - nextId (int)  - max (int)  - length (int) |
| **Methods** |
| + add  + at  + indexOf  + has  + get  + remove  + inAgeGroup  + withMostDuties  + withNoDuties  + write  + read  + fileExists  + isFull  + serialize  - error  - stringify  - parse |

## Question

|  |
| --- |
| **Attributes** |
| - text (String)  - type (String)  - length (int) |
| **Methods** |
| + ask  + getText  + setText  + getType  + setType  - print |

## Questions

|  |
| --- |
| **Attributes** |
| - questions (Question[])  - maxLength (int) |
| **Methods** |
| + ask  - findMaxLength |

## Table

|  |
| --- |
| **Attributes** |
| - columns (TableColumn[])  - rows (String[][])  - width (int) |
| **Methods** |
| + print  + addRows |

## TableColumn

|  |
| --- |
| **Attributes** |
| - width (int)  - name (string) |
| **Methods** |
| + getWidth  + setWidth  + getName  + setName |

## Title

|  |
| --- |
| **Attributes** |
| - title (String)  - table (Table) |
| **Methods** |
| + print  + setTitle  - createTable |

## TUI

|  |
| --- |
| **Attributes** |
| - scanner (Scanner)  - employees (Employees) |
| **Methods** |
| + menu  + add  + delete  + modify  + listAll  + listSingle  + listAgeGroup  + showMostDuties  + showNoDuties  + exit  - setEmployee  - write  - numberOfEmployees  - printEmployeeDetails  - waitForUser  - print |