Team 5

* Member #1: Muthanuni ME 218002694
* Member #2: Qithi YN 221015600
* Member #3:
* Member #4:

**Input and Output**

**Output**

* Remuneration
* Trip fare
* Pass rate
* Fail rate
* Male dropout rate
* Female dropout rate
* Literacy rate
* Display of input data

**Interface**

**Events and Action**

**Variables**

**Pseudocode**

**UML**

**Test data**

|  |  |
| --- | --- |
| Educator class | |
| Persons Name | Jackie |
| Persons Gender | Female |
| Persons Age | 30 |
| Country of Residence | South Africa |
| Remuneration | 20.4 |
| Duration | 6 |
| Staff ID | 175 678 456 |
| Work Hours Day | 7 |
| Calc Remuneration |  |

|  |  |
| --- | --- |
| Student class | |
| Persons Name | Roman |
| Persons Gender | male |
| Persons Age | 20 |
| Country of Residence | South Africa |
| Is attending | yes |
| Has Passed | yes |
| Student ID | 21 111 7467 |
| Transport Needed | No |
| Distance from school | 4 |
| Amount for transport | R9 |
| Trip Fare | R36 |

|  |  |
| --- | --- |
| Subject Class | |
| Subject Name | Mathematics |
| Difficulty Rating | 95 |

|  |  |
| --- | --- |
| School Class | |
| School Name | Auckland Park Secondary School |
| Number of Children | 1040 |
| Weekly food | 6050 |
| Pass Rate | 50% |
| Fail Rate | 40% |
| Female Dropout rate | 12.9% |
| Male dropout rate | 20.8% |

|  |  |
| --- | --- |
| Country | |
| Number Of schools | 23 000 |
| Country Name | South Africa |
| Country Average Literacy Rate | 87% |
| Literacy rate |  |