|  |
| --- |
| **EventDetails** |
| * eventName: int * category: String * location: String * Contact: String * registrationFee: double |
| * EventDescription(): constructor * getEventName(): int * getCategory(): String * getLocation(): String * getContact(): String * printDuckPinInfo(): void * print5PinInfo(): void * printCandlepinInfo(): void * toString(): String |

Name: Foo Roon Yi Matric Number: 277088

* 1. **UML Diagram BOWLING**

|  |
| --- |
| **BowlingCentre** |
| * nameCentre: String * Location: String * Contact: String * noOfparticipants: int |
| * Bowling(String t): constructor with one argument * getNameCentre(): String * getLocation(): String * getContact(): int * getNoOfParticipants(): int |

|  |
| --- |
| **Employee** |
| * department: String * name: String * employeeID: int * salary: double |
| * Employee(): constructor * getDepartment(): String * getEmployeeID(): int * getEmployeeName(): String * getSalary(): double * toString: String |

|  |
| --- |
| **Finance** |
| * employeeSalary: double * utilityFee: double * advertisementFee: double * prize: double * employeeQuantity: int * ParticipantQuantity: int * registrationFee: double |
| * Finance(): constructor * getUtilityFee(): double * getAdvertisementFee(): double * getPrize(): double * getEmployeeQuantity(): int * getParticipantQuantity(): int * getRegistrationFee(): double * totalSalary(): double * totalBudget(): double * calcNetProfit(): double * toString(): String |

inheritance

|  |
| --- |
| **Participant** |
| * name: String * gender: String * age: int * noOfparticipants: int * teamName: String |
| * Participant(): constructor * getParticipantName(): String * getGender(): String * getAge(): int * getNoOfParticipants(): int * getTeamName(): String * toString(): String |

|  |
| --- |
| **Marketing** |
| * prize: int * day: String * registrationFee: double |
| * Marketing(): constructor * Marketing(): constructor with 1 argument * Marketing(): constructor with 3 arguments * getPrize(): int * getDay(): String * getRegistrationFee(): double * totalPrice(): double * totalPrice (double disc): double * totalPrice(String day, double disc): double * printAdvertisement(): void * toString(): String |