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| GamingCenter |
| * CenterName * Location * Contact |
| * GamingCenter (String n, String l, String c, String noP): constructor 4 argument * getName(): String * getLocation(): String * getContact(): String * toString(): String |

**1.1 UML Class Diagram Gaming Name: Wong Re Jie Matric: 277741**

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| Participant |
| ParticipantName: String  gender: char  age: int  numOfParticipantInTeam: int  team: String |
| * Participant(): constructor no argument * Participant(String name,String newTeam): constructor 2 argument * Participant(String name,String gender,int age, String NoP, String team): constructor 5 argument * getParticipantName(): String * getGender(): String * getAge(): int * getNoOfParticipants(): int * getTeamName(): String * toString(): String |

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| Employee |
| * department: String * EmployeeName: String * employeeID: int * salary: double |
| * Employee():constructor * Employee(String department, String name,int id, double salary):constructor 4 argument * getDepartment(): String * getEmployeeID(): int * getEmployeeName(): String * getSalary(): double * toString(): String |

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| Finance |
| * utilityFee: double * prize: double * advertismentFee: double * EmployeeQuantity: int * salary: double * ParticipantQuantity: int * RegistrationFee: double |
| * Finance(): constructor * Finance(int pQ, double rF, int eQ,double s, double p, double uF, double aF): constructor 7 argument * getPrize(): double * getUtilityFee(): double * getAdvertisementFee(): double * getSalary(): double * getRegistrationFee(): double * getEmployeeQuantity(): int * getParticipantQuantity(); int * calcNetProfit(): double * totalIncome(): double * totalSalary(): double * totalBudget(): double * toString(): String |

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| EventDetails |
| * eventName: int * category: String * location: String * contact: String * RegistrationFee: double |
| * EventDetails(): constructor * EventDetails( String eventName, String category, String location, String contact, double registrationFee): constructor 5 argument * getEventName(): int * getCategory(): String * getLocation(): String * getContact(): String * getRegistrationFee(): String * printFPSInfo(): void * printMOBAInfo(): void * printRTSInfo(): void * toString(): String |

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| Marketing |
| prize: int  day: String  registrationFee: double |
| * Marketing (): constructor * Marketing(int prize, String day, double registrationFee): constructor 3 arguments * getPrize(): int * getDay(): String * getRegistrationFee(): double * totalPrice(): double * totalPrice(String day, double disc): double * totalPrice( double disc): double * AdvertisementInfo(): void * toString(): String |