**Class Diagram**

**Game**

grade: int

gameFile

Description: String

playGame()

storeGrade()

**Students**

Name-String

StudentID-String

DOB-int

userID-String

password-String

grade-int

getGrade()

setPassword()

**Class**

classID-String

students: List

addStudent()

removeStudent()

editStudent()

viewClass()

**Customer**

Address-String

PhoneNum-String

Email-String

Name-String

deleteOrder()

editOrder()

createOrder()

**Guest**

guestID- int

**Tickets**

Quantity: int

Price: int

Type: String

**Order**

number: String

Ordered – Date: int

Shipped – Date: int

Shipto: Address

Status: OrderStatus

**Payment**

Paid: Date

total: int

description: String

**Shopping Cart**

created: Date

items: List

**Parents**

Name-String

userID-String

password-String

childID-String

getStudentGrade()

setPassword()

editChildID()

**Teachers**

Name-String

TeacherID-String

DOB-int

userID-String

password-String

classID-String

setStudentGrade()

getStudentGrade()

editClass()

setPassword()