Exercise 3

A diagram of a performance

Description automatically generated

public class Show {

String name;

String description;

Theatre theatreID;

Performance perfSet[];

}

public class Theatre {

int theatreID;

PerformanceSection sections[]t ;

Show showSet[];

}

public class PerformanceSection {

int price;

String sectID;

Theatre theatre ;

PerformanceSeat seatSet[];

}

public class PerformanceSeat {

int row;

int seatNumber;

PerformanceSection sectSet ;

Ticket tickSet[];

}

public class Ticket {

string ticketID;

Performance seat ;

PerformanceSeat perf;

Patron patron;

}

public class Performance {

string PerformanceDate;

Show show;

Ticket ricketSet[];

}

public class Patron {

string emailAddress;

Ticket ticketSet[];

PurchaseTransaction purchaseSet[];

}

public class PurchaseTransaction {

int total;

string pdfLink;

Patron patron;

}