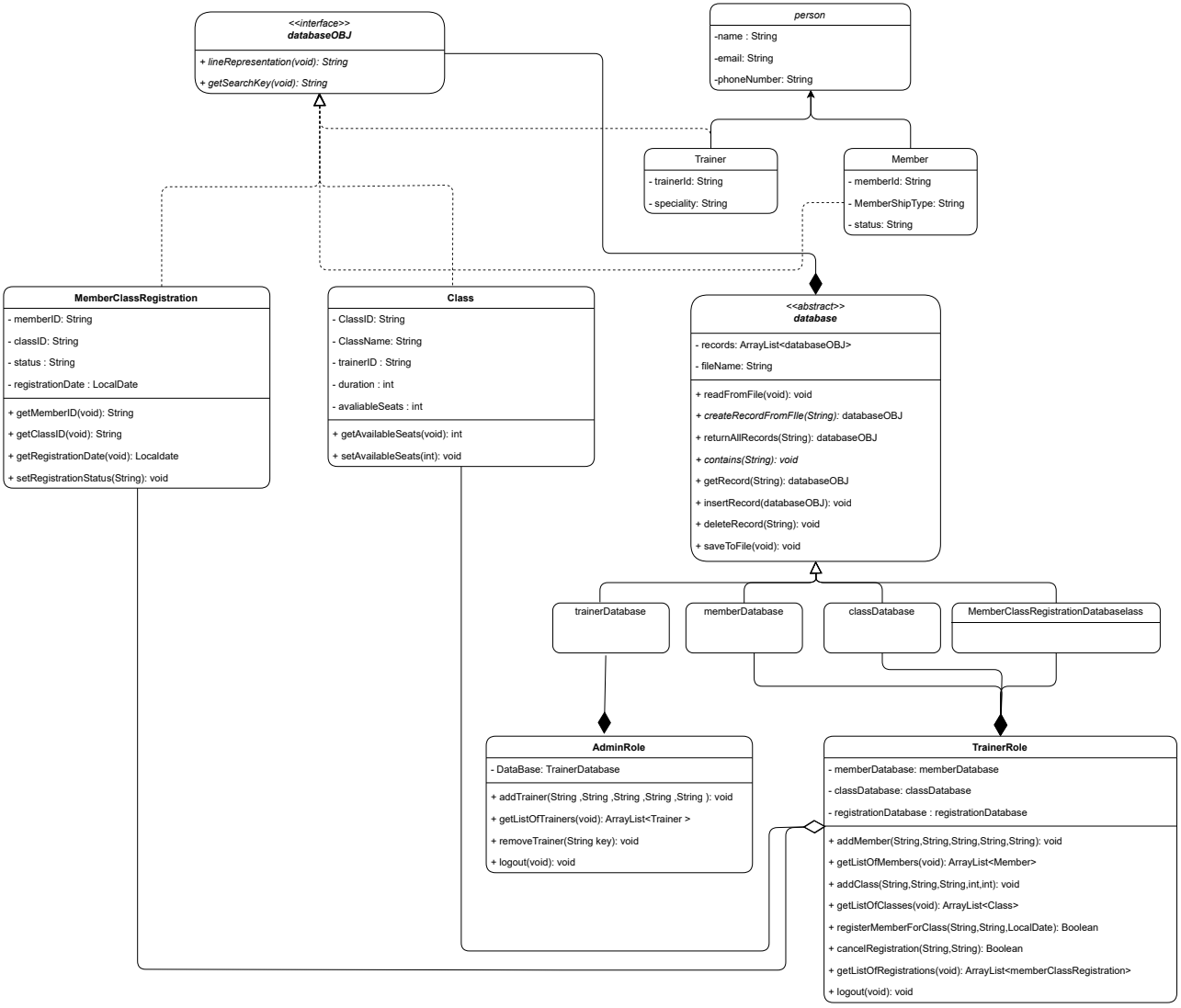
<<interface>>
databaseOBJ
+ lineRepresentation(void): String
+ getSearchKey(void): String
person
-name : String
-email: String
-phoneNumber: String
Trainer
- trainerId: String
- speciality: String
Member
- memberId: String
- MemberShipType: String
- status: String
MemberClassRegistration
- memberID: String
- classID: String
- status : String
- registrationDate : LocalDate
+ getMemberID(void): String
+ getClassID(void): String
+ getRegistrationDate(void): Localdate
+ setRegistrationStatus(String): void
Class
- ClassID: String
- ClassName: String
- trainerID : String
- duration : int
- avaliableSeats : int
+ getAvailableSeats(void): int
+ setAvailableSeats(int): void
<<abstract>>
database
- records: ArrayList<databaseOBJ>
- fileName: String
+ readFromFile(void): void
+ createRecordFromFlle(String): databaseOBJ
+ returnAllRecords(String): databaseOBJ
+ contains(String): void
+ getRecord(String): databaseOBJ
+ insertRecord(databaseOBJ): void
+ deleteRecord(String): void
+ saveToFile(void): void
trainerDatabase
memberDatabase
classDatabase
MemberClassRegistrationDatabaselass
AdminRole
- DataBase: TrainerDatabase
+ addTrainer(String ,String ,String ,String ,String ): void
+ getListOfTrainers(void): ArrayList<Trainer >
+ removeTrainer(String key): void
+ logout(void): void
TrainerRole
- memberDatabase: memberDatabase
- classDatabase: classDatabase
- registrationDatabase : registrationDatabase
+ addMember(String,String,String,String,String): void
+ getListOfMembers(void): ArrayList<Member>
+ addClass(String,String,String,int,int): void
+ getListOfClasses(void): ArrayList<Class>
+ registerMemberForClass(String,String,LocalDate): Boolean
+ cancelRegistration(String,String): Boolean
+ getListOfRegistrations(void): ArrayList<memberClassRegistration>
+ logout(void): void