

Firestore DB
DCD

LoginOrCreateAccount

interface
FirestoreController

void addUser(DBReference, UserAccount)
void changeUserName(DBReference, UserAccount)
void changePassword(DBReference, UserAccount)
void leaderBoardControl(DBReference, UserAccount)
void changeAccountType(DBReference, UserAccount)

UserAccount

int id
String name
String user name
int age
String password
boolean isTeacher = false
boolean isStudent = false
boolean isPhysician = false

String toString()

Tree

StudentAccount

String name
String user name
int age
String email
String password
boolean isTeacher = false
boolean isStudent = true
boolean isClinical = false

String toString()
float exportData()

TeacherAccount

String name
String user name
int age
String email
String password
boolean isTeacher = true
boolean isStudent = false
boolean isClinical = false

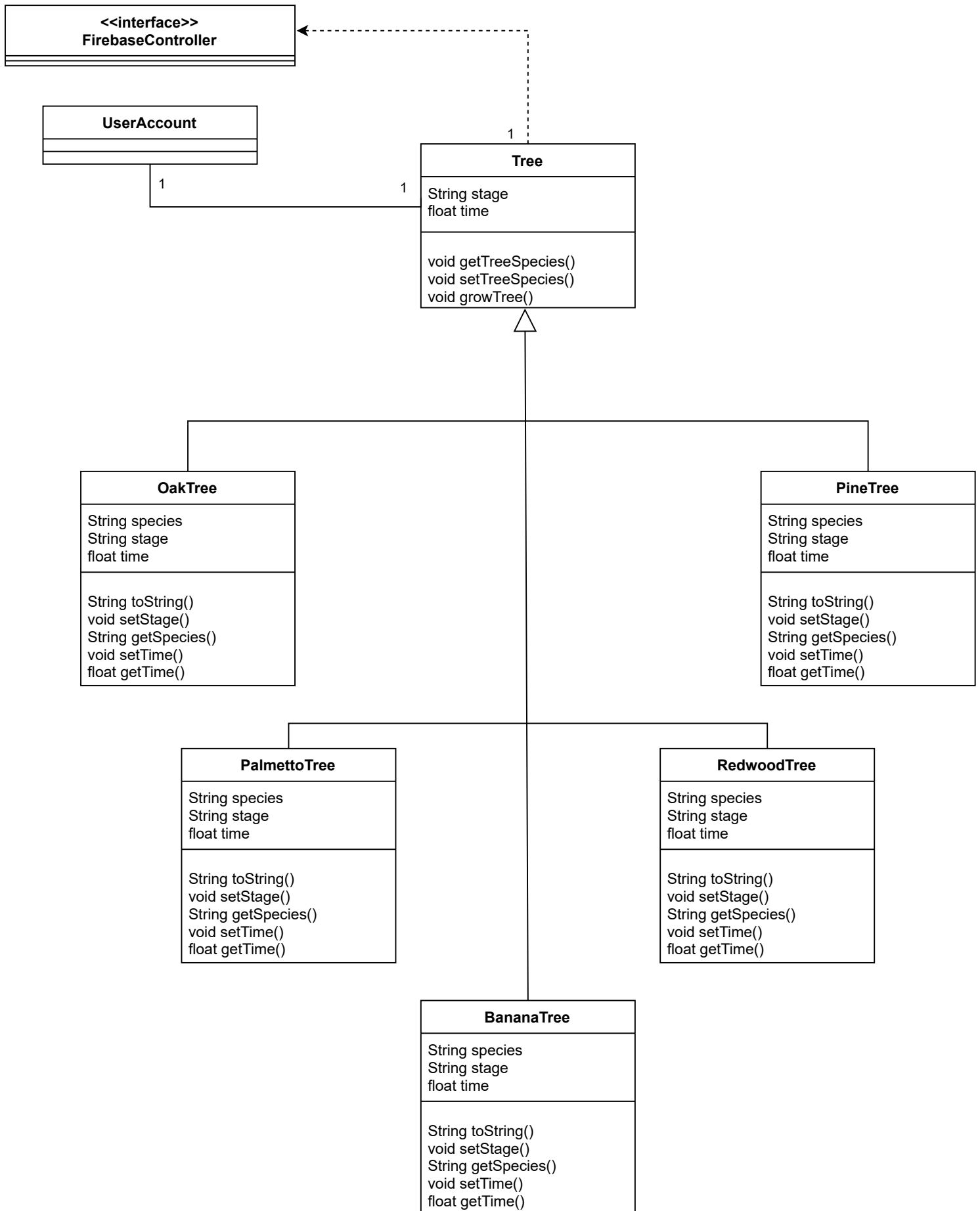
String toString()
void receiveData()

ClinicalAccount

String name
String user name
int age
String email
String password
boolean isTeacher = true
boolean isStudent = false
boolean isClinical = false

String toString()
void receiveData()

Firebsae DB DCD (Cont'd)



Account UI DCD

