I want to create a "Family health information" Java project. I would like it to have the following capabilities at least:

1. Be able to add/remove/update users/groups of users and identify them as a family

2. Be able to insert health information i.e. BMI, blood pressure, diabetes, cholesterol, etc. with the date for each individual.

3. Be able to store/update information for users per family in a database

To do these, I may require a basic GUI or just use prompts.

Using java Object-oriented programming, JavaFX, and java database connectivity, can you generate a two paragraphs description of my term project "Family health information"?

For my “Family health information” app can you generate one functional requirement(what the app shall be able to do, not how to) that should will incorporate an abstract class, inheritance, upcasting or downcasting, and polymorphism.

Person abstract class:

- fullName: String

- age:int

- email:String

- id: long

+ Person()

+ addMember()

+ getHealthInfo()

+ getfirstName()

+ getlastName()

+ getAge()

+ getEmail()

+ getId()

+ setId(int id)

+ setEmail(String email)

+ setAge(int age)

+ setlastName(String lname)

+ setfirstName(String fname)

User class extends Person:

- familyName:String

- familyPassword: int

+ User()

+ addMember()

+ getHealthInfo()

+ getFamilyName()

+ setFamilyName(String fn)

+ getFamilyPassword()

+ setFamilyPassword(int p)

Family class extends Person class:

- familyName:String

- familyPassword: int

- members: String []

+ Family()

+ addMember()

+ getHealthInfo()

+ getFamilyName()

+ setFamilyName(String fn)

+ getFamilyPassword()

+ setFamilyPassword(int p)

+ getMembers()

+ addMember()

+removeMember()