CEBU INSTITUTE OF TECHNOLOGY - UNIVERSITY

COLLEGE OF ENGINEERING AND ARCHITECTURE

UML Class Diagram

for

Health Teknoy

Signature

Name	Role	Signature
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User Class Diagram

User Class Diagram

User

fullName: String
classification: String
address: String
email: String
password: String
phoneNumber: String

timeVisit : Stringtemperature : Stringusername : StringlastVisit : String

recentExposure : Stringsymptoms : String

- lastBarcodeDate : String

+ User()

+ getFullName() + setFullName() + getClassification() + setClassification()

+ getAddress() + setAddress() + getEmail() + setEmail() + getPassword() + setPassword() + getPhoneNumber + setPhoneNumber()

+ getTimeVisit + setTimeVisit + getTemperature + setTemperature + getUsername + setUsername + getLastVisit + setLastVisit

+ getRecentExposure + setRecentExposure()

+ getSymptoms + setSymptoms

+ getLastBarcodeDate() + setLastBarcodeDate()

Login Class Diagram

LoginForm

- loginButton : AppCompatButton

- username : TextInputLayout

- password : TextInputLayout

- reference : DatabaseReference

+ nameDB : String

+ emailDB : String

+ phoneDB : String

+ usernameDB : String

- intent : Intent

onCreate(Bundle savedInstanceState)

loginButton.setOnClickListener()

+ void onClick(View view)

+ registerForm()

- validatePassword()

- validateUsername()

- clickLogin()

+ startActivity(intent)

RegistrationForm

- fullName : TextInputLayout

- phoneNumber : TextInputLayout

- email : TextInputLayout

- password : TextInputLayout

- username : TextInputLayout

- createButton : AppCompatButton

- rootNode : FirebaseDatabase

- reference : DatabaseReference

createButton.setOnClickListener()

- validateUsername()

- validateNumber()

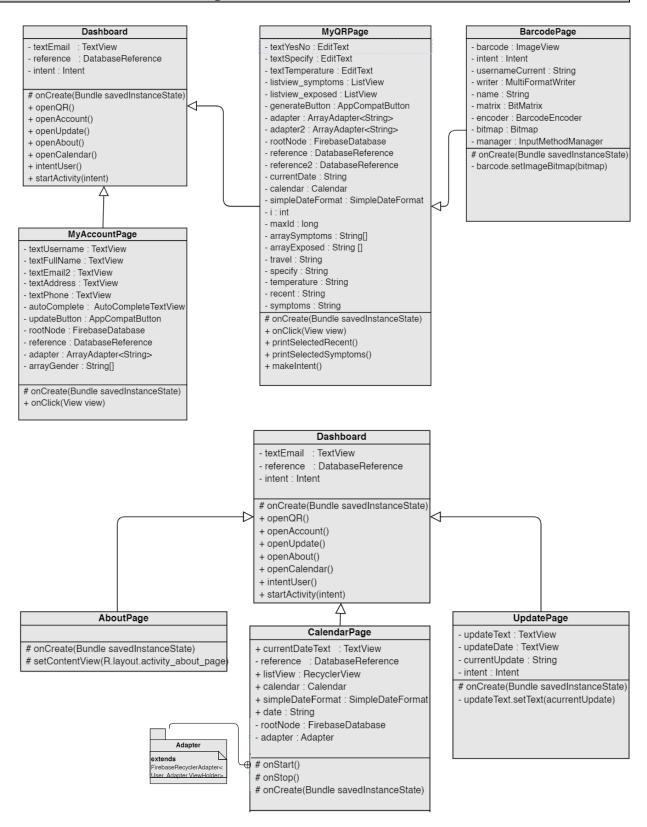
validatePassword()

- validateName()

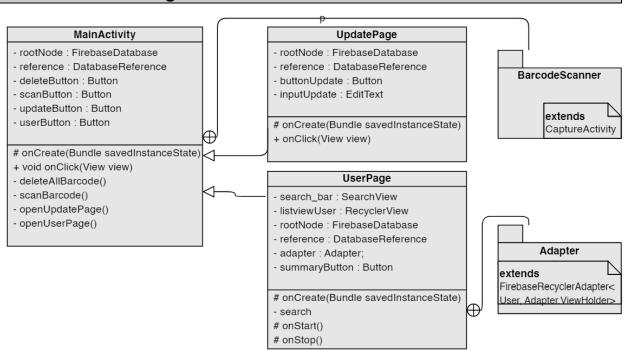
+ loginForm()

+ void onClick(View view)

Dashboard Class Diagram



Admin Class Diagram



Summary Page Class Diagram

SummaryPage

- approvedBarcode : TextView

- declinedBarcode : TextView

- noBarcode : TextView

- date : TextView

- rootNode : FirebaseDatabase

- reference : DatabaseReference

- exposure : List<String>

- symptoms : List<String>

- allExposure : String

- allSymptoms : String

- countYes : int

- countNo : int

- countNull : int

onCreate(Bundle savedInstanceState)

+ OnDataChange