Assign 1

OnMessageReplaceListener
<<interface>>

+OnDataReplace(obj:BloodPressure): void

OnMessageReplaceListener
<<interface>>

+OnDataRead(obj:BloodPressure): void

BloodPressureListAdapter

-MCcontext: Context
-mResource: int

+getView(context:Context ,resource:int ,
        objects:ArrayList<BloodPressure>): View

0..*

MainActivity **has a** BloodPressureArrayLs tadapter

MainActivity **implements interface**

MainActivity

-Add, Delete, Edit: Button
-list_view: ListView
-data: ArrayList<BloodPressure>
+buttons: LinearLayout
+fragmentmanager: FragmentManager
-adapter: BloodPressureListAdapter
-database: FirebaceFirestore
-collectionreference: CollectionReference

#OnCreate(savedInstanceState:Bundle): void
+OnDataRead(obj:BloodPressure): void
+OnDataReplace(obj:final BloodPressure): void

BloodPressure

+docID: String
@DocumentId

+timestamp: Date
@ServerTimestamp

+toString(): String
@NonNull
@Override

0..*

MainActivity has 0 or more BloodPressure data

MainActivity **has a** Addfragment

AddFragment

+date, time, comment, heartrate, systolic, diastolic: EditText
-Enter: Button
-x: ImageButton
-activity : Activity
-messageReadListener: OnMessageReadListener
-messageReplaceListener: OnMessageReplaceListener
-Replacedate, Replacetime, Replacesystolic, Replacediastolic, Replaceheartrate, Replacecomment, DocID: String = " "

+onCreateView(inflater:LayoutInflater ,
            container:ViewGroup,savedInstanceState: Bundle): View
+onAttach(context :Context): void