## LoginActivity

- ~ I\_phone, I\_pass: EditText
- ~ databaseReference: DatabaseReference
- email: EditText
- password: EditText
- login: Button
- registerUser: TextView
- logInbutton: Button
- forgetPassButtonLogIn: TextView
- mAuth: FirebaseAuth
- + onCreate(Bundle savedInstanceState): void
- loginUser(String email, String password): void
- + loginPage(View view): void
- + registerPage(View view): void

## RegisterActivity

- username: EditText
- phone : EditText
- mail: EditText
- password: EditText
- register: Button
- loginUser: TextView
- mRootRef: DatabaseReference
- mAuth: FirebaseAuth
- ~ ProgressDialog pd;
- + onCreate(Bundle savedInstanceState): void
- + registerUserfinal String username, final String name, final String email, String password: void
- + back(View view): void

### **HomeFragment**

- ~ st\_phone: String
- ~ recyclerView: RecyclerView;
- ~ arrayList: ArrayList<UserClass>
- ~ adapterClass: AdapterClass;
- ~ databaseReference: DatabaseReference
- + onCreate(Bundle savedInstanceState): void
- + onCreateView(LayoutInflater inflater, ViewGroup container, Bundle savedInstanceState): void
- + onViewCreated(@NotNull View view, @Nullable Bundle savedInstanceState): void

## AddActivity

- ~ sys, dias, rate, comment: EditText
- ~ uid: String
- ~ add: Button
- ~ databaseReference: DatabaseReference
- + onCreate(Bundle savedInstanceState): void

### **AdapterClass**

- ~ context: Context
- ~ arrayList: ArrayList<UserClass>
- ~ DatabaseReference databaseReference
- + onCreateViewHolder(@NonNull ViewGroup parent, int viewType): MyViewHolder
- + onBindViewHolder(@NonNull AdapterClass.MyViewHolder holder, int position): void
- + getItemCount(): int

## MainActivity

- ~ recyclerView: RecyclerView
- ~ arrayList: ArrayList<UserClass> \
- ~ adpterClass: AdapterClass
- ~ databaseReference: DatabaseReference
- + onCreate(Bundle savedInstanceState): void

### RecordList

- ~ arrayList: ArrayList<UserClass>
- + getRecords(): ArrayList<UserClass>
- + add(UserClass userClass): void
- + delete(UserClass userClass): void
- + update(int position, UserClass userClass): void

#### UserClass

- ~ Phone: String
- ~ Systolic: String
- ~ Diastolic: String
- ~ Heart\_Rate: String
- ~ Comment: String
- ~ Time: String
- + getPhone(): String
- + getSystolic(): String
- + getDiastolic(): String
- + getHeartRate(): String
- + getComment(): String
- + getTime(): String
- + compareTo(Userclass userclass): int

## VerifyOTP2Activity

- ~ input1: EditText
- ~ input2: EditText
- ~ input3: EditText
- ~ input4: EditText
- ~ input5: EditText
- ~ input6: EditText
- ~ :verifybtn Button ~ getotp: String
- + onCreate(Bundle savedInstanceState): void
- numberotpmove: void

## **UpdateActivity**

- ~ sys: String
- ~ dias: String
- ~ rate: String
- ~ comment: String
- ~ st time: String
- ~ delete: Button
- ~ submit: Button
- ~ datatbaseReference: DatatbaseReference
- + onCreate(Bundle savedInstanceState): void

# VerifyOTP1Activity

- internumber: EditText
- otpbutton: Button
- progbar: ProgressBar
- + onCreate(Bundle savedInstanceState): void