android.widget.ArrayAdapter
com.google.firebase.auth.FirebaseAuth
FollwedUserActivity
-uid: String
-authentication: FirebaseAuth
-habitArrayAdapter : ArrayAdapter<Personal_info>
-habitArrayList: ArrayList<Personal_info>
-followed_user_uid: String
-UserAvatarImageView: ImageView
-UserHabitListView: ListView
-UserGenderTextView: TextView
-UserAgeTextView: TextView
-UserNameTextView: TextView
-UnsubBtn: Button
#onCreate(SavedInstanceState : Bundle) :void
+onBackPressed() : void
FollwingHabitListAdapter
-uid: String
-authentication : FirebaseAuth
-progression : ProgressBar
-context : Context
-habitArrayList: ArrayList<Habit>
+FollowedHabitListAdapter(context : Context, habits: ArrayList<Habit>)
+getView(position: int, convertView: View, parent: ViewGroup) : View
FollwingListAdapter
-uid: String
-authentication : FirebaseAuth
-context : Context
-FollowingArrayList: ArrayList<Personal_info>
+FollowedListAdapter(context : Context, habits: ArrayList<Habit>)
+getView(position: int, convertView: View, parent: ViewGroup) : View
FollwingActivity
-email: String
-uid: String
-authentication: FirebaseAuth
-following_adapter : ArrayAdapter<Personal_info>
-following_list: ArrayList<Personal_info>
-following_ListView: ListView
~bottomNavigationView: BottomNavigationView
#onCreate(SavedInstanceState : Bundle) :void
+onCreateOptionsMenua(menu : Menu(readOnly)) : boolean
+onBackPressed() : void
+onOptionsItemSelected(item : MenuItem) : boolean
+getUidByEmail(email_toFollow : String, myCallback : MyCallback) : void
+onConfirmPressed(email_toFollow : String) : void
+errorMessage(i : int) : void
Follwoing
androidx.appcompat.app.AppCompatActivity
LogInActivity
-authentication:FirebaseAuth
~passWord: EditText
~userEmail: EditText
~login_sinup_button : Button
~login_singIn_button : Button
#onCreate(SavedInstanceState : Bundle) :void
-userLogin(userEmail: String, passWord : String) :void
SignUpActivity
-authentication:FirebaseAuth
~confirmPassWord
~passWord: EditText
~userEmail: EditText
~userName: EditText
~create_button : Button
#onCreate(SavedInstanceState : Bundle) :void
-signUp(userEmail : Stirng, passWord: String, userName: String) :void
Personal_info
-age : int
-gender: String
-email : String
-name : String
-localImagePath : String
-genderId: int
-uid : String
+ Personal_info()
+Personal_info(name : String, email : String, gender : String, age : int)
+getName() : String
+setName(name: String) : void
+getEmail() : String
+setEmail(email : String) :void
+getGender() : String
+setGender(gender : String) :void
+getAge() :int
+setAge(age : int) : void
+getGenderId() : int
+getDownloadUrl() : String
+setDownloadUrl(downloadUrl : Stirng) : void
+getUid() : String
+setUid(uid : String) : void
ProfileActivity
-uid : String
-authentication : FirebaseAuth
~userAge: EditText
~userGender: EditText
~userEmail: TextView
~userName:EditText
~bottomNavigationView: BottomNavigationView
~applyChanges_btn :Button
~signOut_btn : Button
#onCreate(SavedInstanceState : Bundle) :void
Profile
The Bottom menu that jumps to 5 different pages
com.google.android.material.bottomnavigation.BottomNavigationView
Habit
Habit
-eventList : ArrayList<String>
-doneTime: int
-number_of_completion : int
-notDone: boolean
-occurrenceDay : ArrayList<Integer>
-frequencyType : String
-frequency: int
-lastDate : String
-startDate : String
-habitReason : String
-habitTitle : String
-UUid : String
-publicHabit: boolean
-needCompletion: int
-index: int
-recordDate: String
+Habit (habitTitle : String, habitReason : String, habitContent : String, startDate : String, frequency : int, frequencyType : String, occurrenceDay : ArrayList<Integer>, index: int, publicHabit: boolean)
+Habit()
+refresh(currentDate : String) : void
+setDoneTime() : boolean
+getHabitReason() : String
+setHabitReason(habitReason : String) : void
+getHabitContent() : String
+setHabitContent(habitContent : String) : void
+getFrequency() : int
+setFrequency(frequency : int) :void
+getFrequencyType() : String
+setFrequencyType(frequencyType : String) : void
+getOccurrenceDay() : ArrayList <Integer>
+setOccurrenceDay(occurenceDay : ArrayList<Integer>) :void
+isNotDone() :boolean
+getNumber_of_completion() : int
+getLastDate() : String
+getDoneTime() : int
+getEventList() : ArrayList<String>
+setEventList(eventList : ArrayList<String>) :void
+addEvent (eventName: String) :void
+getUUid() : String
+setUUid(UUid : String) : void
+isPublicHabit(): boolean
+setPublicHabit(publicHabit: boolean): void
+getNeedCompletion(): int
+getIndex(): int
+setIndex(index: int): void
+getRecordDate(): String
+calculateTimes(): void
-calculateWeekdays(start: Date, end: Date, i: int): int
-calculateMonthDays(start: Date, end: Date, i: int): int
+reset(): void
HabitListAdapter
-uid : String
-onItemClickListener : View.onClickListener
-context : Context
-habitArrayList: ArrayList<Habit>
+HabitListAdapter(context : Context, habits : ArrayList<Habit>)
+onCreateViewHolder(parent: ViewGroup, ViewType: int): HabitViewHolder
+onBindViewHolder(holder: HabitViewHolder, position: int): void
+getItemCount(): int
+setOnItemClickListener(itemClickListener : View.onClickListener): void
androidx.recyclerview.widget.RecyclerView.Adapter
HabitEventsOfHabitActivity
-habit: Habit
-uid: String
-authentication :FirebaseAuth
-habitEventAdapter: ArrayAdatper<String>
-habitEevntListView :ListView
-habitEventsList :ArrayList<HabitEvent>
-habitEventTitle: ArrayList<String>
-uuid :ArrayList<String>
#onCreate(savedInstanceState : Bundle) :void
+onOptionsItemSelected(item: MenuItem) : boolean
ShowWeekDaysFragment
-habit : Habit
-Sunday: CheckBox
-Saturday: CheckBox
-Friday: CheckBox
-Thurday: CheckBox
-Wednesday: CheckBox
-Tuesday: CheckBox
-Monday: CheckBox
-days:ArrayList<Integer>
+showWeekDaysFragement(habit :Habit)
+onAttach(context :Context) :void
+onCreateDialog(savedInstanceState :Bundle) :Dialog
-setCheckBox (habit: Habit) :void
androidx.fragment.app.DialogFragment
MainPage
MainPageActivity
~bottomNavigationView: BottomNavigationView
-currentDate: String
-month : int
-toDoListView : ListView
-day_of_month :int
-weekDay : int
date : Date
-toDoList: ArrayList<Habit>
-toDoAdapter : ArrayAdapter<Habit>
-calendar : Calendar
-uid : String
-authentication: FirebaseAuth
#onCreate(savedInsatnceSate : Bundle) : void
-goToHabitDescriptionActivity(position : int, tapHait: Habit) :void
ToDoListAdapter
-uid : String
-autehntication : FirebaseAuth
-context : Context
-habitArrayList: ArrayList<Habit>
+TodoListAdapter(context : Context, habits : ArrayList<Habit>)
+getView(position : int, convertView : View, parent :ViewGroup) :View
HabitEvent
HabitEvent
+CREATOR : Creator<HabitEvent> (readOnly)
-habitUUID: String
-habitName: String
-localImagePath: String
-uuid : String
-downloadUrl : String
-location : String
-comment : String
-eventTitle : String
+HabitEvent(habitName : String, comment : String, location : String, uuid : String, habitUUID: String)
+HabitEvent (in:Parcel)
+HabitEvent()
+getEventTitle() : String
+setEventTitle(eventTitle: String) : void
+getComment() :String
+setComment(comment : String) :void
+getLocation() : String
+setLocation(location : String) :void
+getDownloadUrl() : String
+setDownloadUrl (downloadUrl : String) :void
+getUuid() : String
+setUuid(uuid : String) : void
+getLocalImagePath(): String
+setLocalImagePath(): String
+getHabitName(): String
+setHabitName(): String
+getHabitUUID: String
+setHabitUUID: String
+describeContents() :int
+writeToParcel(parcel : Parcel, i : int) :void
HabitEventListActivity
-uid : String
-authentication: FirebaseAuth
~bottomNavigationView : BottomNavigationView
~habitEventList: ArrayList<HabitEvent>
~habitEventAdapter : ArrayAdapter<HabitEvent>
~habitEventListView: ListView
#onCreate(savedInsatnceSate : Bundle) : void
#onResume() :void
#onNewIntent(intent :intent) :void
+onBackPressed(): void
<<interface>>
AdapterView.OnItemClickListener
EventListClickListener
-habitEventAdapter: ArrayAdapter<HabitEvent>
-context: Context;
-activity: Activity;
+EventListClickListener(context: Context, activity: Activity, habitEventAdapter: ArrayList<HabitEvent>)
+onItemClick(adapterView: AdapterView<?> , view: View, i: int, l: long): void
+goToEventEditActivity(index: int): void
HabitEventEditActivity
~addedPhoto :boolean
-CAMERA_PERMISSION_CODE: int
-PERMISSIONS_CAMERA : Sting[]
-PERMISSIONS_STORAGE : String[]
-REQUEST_EXTERNAL_STORAGE : int {readOnly}
~eventIndexInList: int
~capturedPhotoUri: uri
~storageURL: uri
~habitEventUUID: String
~imageFilePath : String
~habitEventTitle: String
~passedEvent : HabitEvent
~fusedLocationProviderClient: FusedLocationProviderClient
~confirmBtn: Button
~deleteBtn: Button
~currentLocation_button : Button
~activityResultLauncher: ActivityResultLauncher<Intent>
~editEventProgressDialog: ProgressDialog
~photo_imageView: ImageView
~photo_button: Button
~comment_editText :EditText
~location_editText: EditText
-uid : String
-authentication :FirebaseAuth
#onCreate(savedInsatnceSate : Bundle) : void
+onActivityResult(requestCode: int, resultCode: int, data: Intent) : void
+onOptionsItemSelected(item : MenuItem) : boolean
+onRequestPermissionResult(requestCode: int, permissions: String[], grantResults: int[]):void
+onBackPressed(): void
+getPathFromURI(context : Context ,uri: Uri) : String
+verifySotragePermissions(activity: Activity) :void
+uploadImage(imagePath String, habitEventUUID String,passedEvent HabitEvent, eventIndexInList int,editEventProgressDialog ProgressDialog , activity Activity, context Context, uid String): void
+loadUrlImageToImageView(uri: Uri) :void
+deleteEventFromHabit(habitName: String, eventName: String) :void
+createImageFile(): File
+startCameraIntent(): void
HabitEventListAdapter
-context : Context
-habitEventArrayList : ArrayList<HabitEvent>
+HabitEventListAdapter(context :Context , habitEvents : ArrayList <HabitEvent>)
+getView(position :int, convertView: View, parent : ViewGroup): View
HabitEventEditMapActivity
-client: FusedLocationProviderClient
-mapFragment: SupportMapFragment
-REQUEST_CODE : int
-manager: ConnectivityManager
-networkInfo: NetworkInfo
-mMap: GoogleMap
-geocoder: Geocoder
-selectedLat: double
-selectedLng: double
-addresses: List<Address>
-selectedAddress: String
-c_addresses: List<Address>
-currentAddress: String
-locMan: LocationManager
-hasLocation : boolean
~choose_location_info: TextView
~confirm_choose_location_button:Button
~return_choose_location_button: Button
#onCreate(savedInsatnceSate : Bundle) : void
+onBackPressed(): void
-getLocation(): void
+onRequestPermissionResult(requestCode: int, permissions: String[], grantResults: int[]):void
-checkConnection(): void
-GetAddress(mLat: double, mLng: double): void
EventEditCOnfirmListener
-editEventProgressDialog: ProgressDialog
-comment_editText: EditText
-location_editText:EditText
-photo_imageView:ImageView
-context: Context
-activity: Activity
-eventIndexInList: int
-passedEvent: HabitEvent
-uid: String
+EventEditConfirmListener(context: Context, activity: Activity, editEventProgressDialog: ProgressDialog, comment_editText: EditText , location_editText: EditText, eventIndexInList: int, passedEvent: HabitEvent , photo_imageView: ImageView, uid: String)
+ onClick(view: View): void
EventEditDeleteListener
-habitEventUUID: String
-uid: String
-passedEvent: HabitEEvent
-eventIndexInList:int
-context: Context
-activity: Activity
+EventEditDeleteListener(uid: String, passedEvent: HabitEvent, eventIndexInList: int, context: Context, activity: Activity)
<<interface>>
View.OnClickListener
com.google.android.material.floatingactionbutton.FloatingActionButton
HabitListActivity
~ bottomNavigationView : BottomNavigationView
-uid : String
-authentication : FirebaseAuth
-habitList : ArrayList<Habit>
-habitAdapter : ArrayAdapter<Habit>
-addButton: FloatingActionButton
-habitListView : ListView
-amount: int
-onItemClickListener: View.OnClickListener
# onCreate(savedInstanceState : Bundle) :void
• goToHabitDescriptionActivity(position : int, tapHabit : Habit) :void
+ onBackPressed(): void
HabitListAddListener
-activity : Activity
-context : Context
+HabitListAddListener(context : Context, activity : Activity)
+ onClick(view: View): void
HabitEditActivity
-newObject : int
-original : int
~myCalendar : Calendar {readOnly}
-action : String
-spinnerOnTouch : OnTouchListener
-spinnerAdapter :ArrayAdapter <String>
-uid : String
-authentication : FirebaseAuth
-builder :Builder
-spinner :Spinner
-frequencyType :TextView
-frequency: EditText
-date: EditText
-reason: EditText
-content: EditText
-title: EditText
-confirmBtn: Button
-addDate: Button
-value_of_OccurrenceDate :ArrayList<Integer>
-habit :Habit
#onCreate(savedInsatnceSate : Bundle) : void
-addText() :void
-setView() :void
-initView(habit :Habit) :void
-initArrayList() :void
-setFragment(position :int) :void
+onConfirmPressed(days:ArrayList<Integer>, valueOffrequency:int) :void
-isValidInput() :boolean
HabitDescriptionActivity
-activityLauncher : ActivityResultLauncher<Intent>
-uid : String
-authentication : FirebaseAuth
-newObject : int
-position : int
-action : String
-habti : Habit
-reason : TextView
-content : TextView
-toEventBtn : Button
-frequencyType: Button
-frequency : TextView
-startDate:TextView
-title : TextView
-editBtn : Button
-deleteBtn : Button
-returnBtn: Button
#onCreate(savedInsatnceSate : Bundle) : void
+onConfirmDeltePressed() :void
-setView() :void
-initView(habit : Habit) :void
+removeAllRelatedEvent(eventList :ArrayList<String>) : void
HabitEditConfirmListener
-activity : Activity
-context : Context
-title : EditText
-content : EditText
-reason : EditText
-date: EditText
-frequency: EditText
-frequencyType: TextView
-habit : Habit
-builder : AlertDialog.Builder
-authentication : FirebaseAuth
-uid : String
-newObject : int
+HabitEditConfirmListener(context : Context, activity : Activity , title : EditText ,content : EditText, reason : EditText, date: EditText , frequency: EditText, frequencyType: TextView, habit : Habit , authentication : FirebaseAuth, uid : String, newObject : int)
+ onClick(view: View): void
-isValidInput() : boolean
HabitEditBackListener
-activity : Activity
-context : Context
-action : String
-original : int
-message : String
+HabitEditBackListener(context : Context, activity : Activity , action : String, original : int, message : String)
+ onClick(view: View): void
HabitDescriptionEditListener
-action : String
-context : Context
-activityLauncher: ActivityResultLauncher<Intent>
-habit Habit
+HabitDescriptionEditListener(context : Context, activityResultLauncher: ActivityResultLauncher, habit : Habit)
+ onClick(view: View): void
HabitDescriptionReturnListener
-context : Context
-activity : Activity
+HabitDescriptionReturnListener(context : Context, activity: Activity)
+ onClick(view: View): void
NavigationBarClickListener
-context:Context
-activity:Activity
+NavigationBarClickListener(Context context,Activity activity)
+onNavigationItemSelected(item: MenuItem): boolean
<<interface>>
NavigationBarView.OnItemSelectedListener