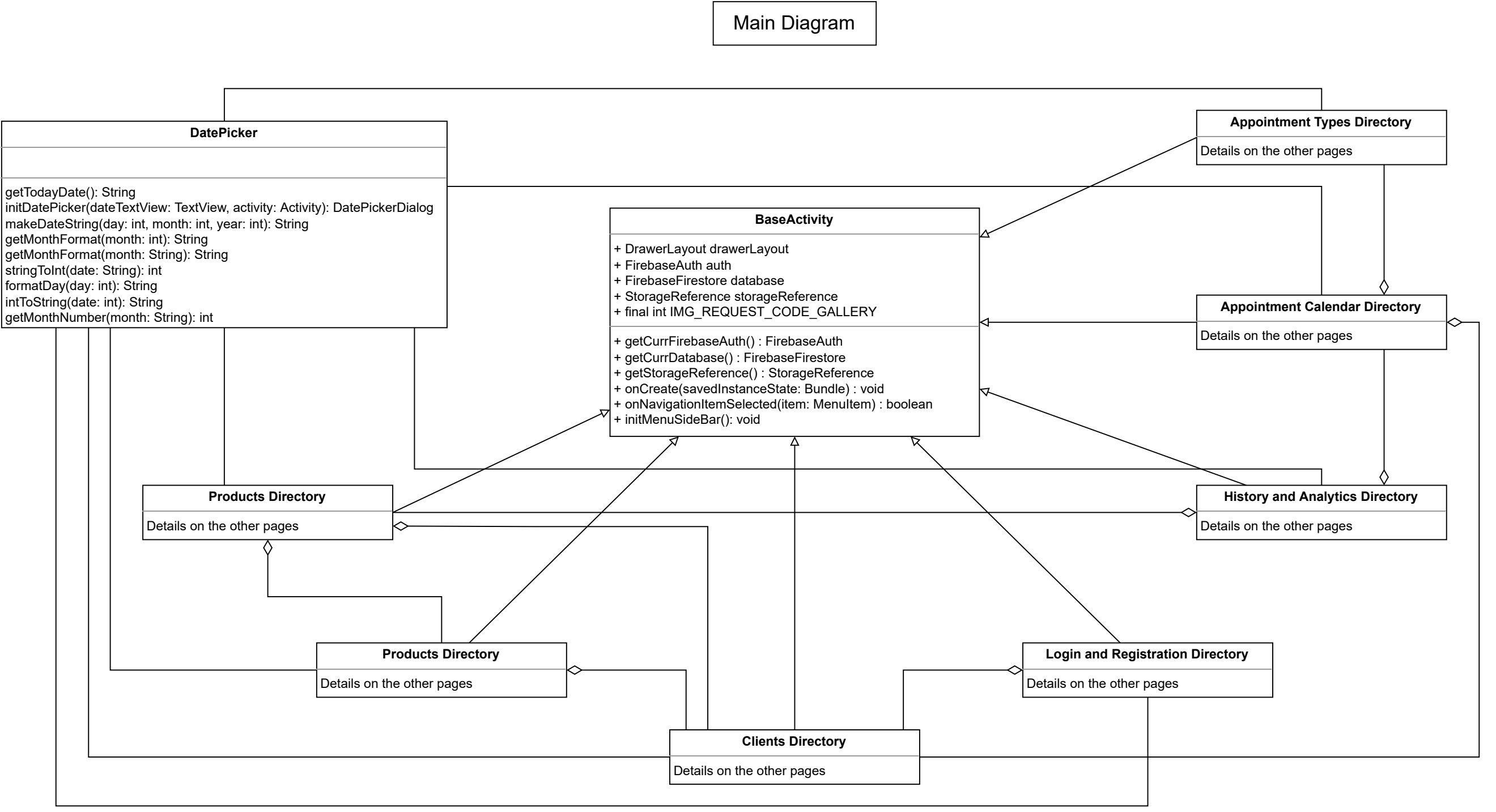
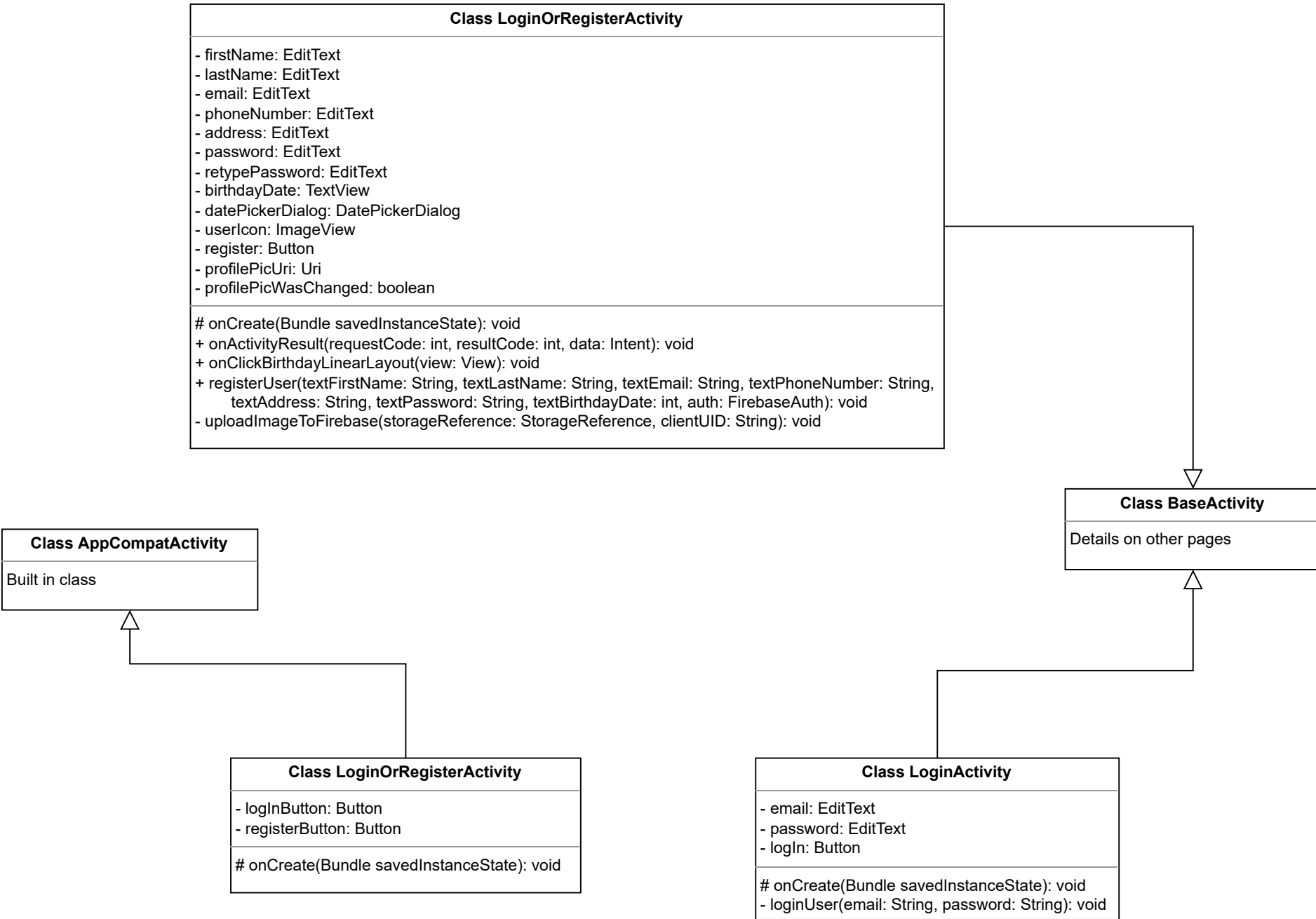
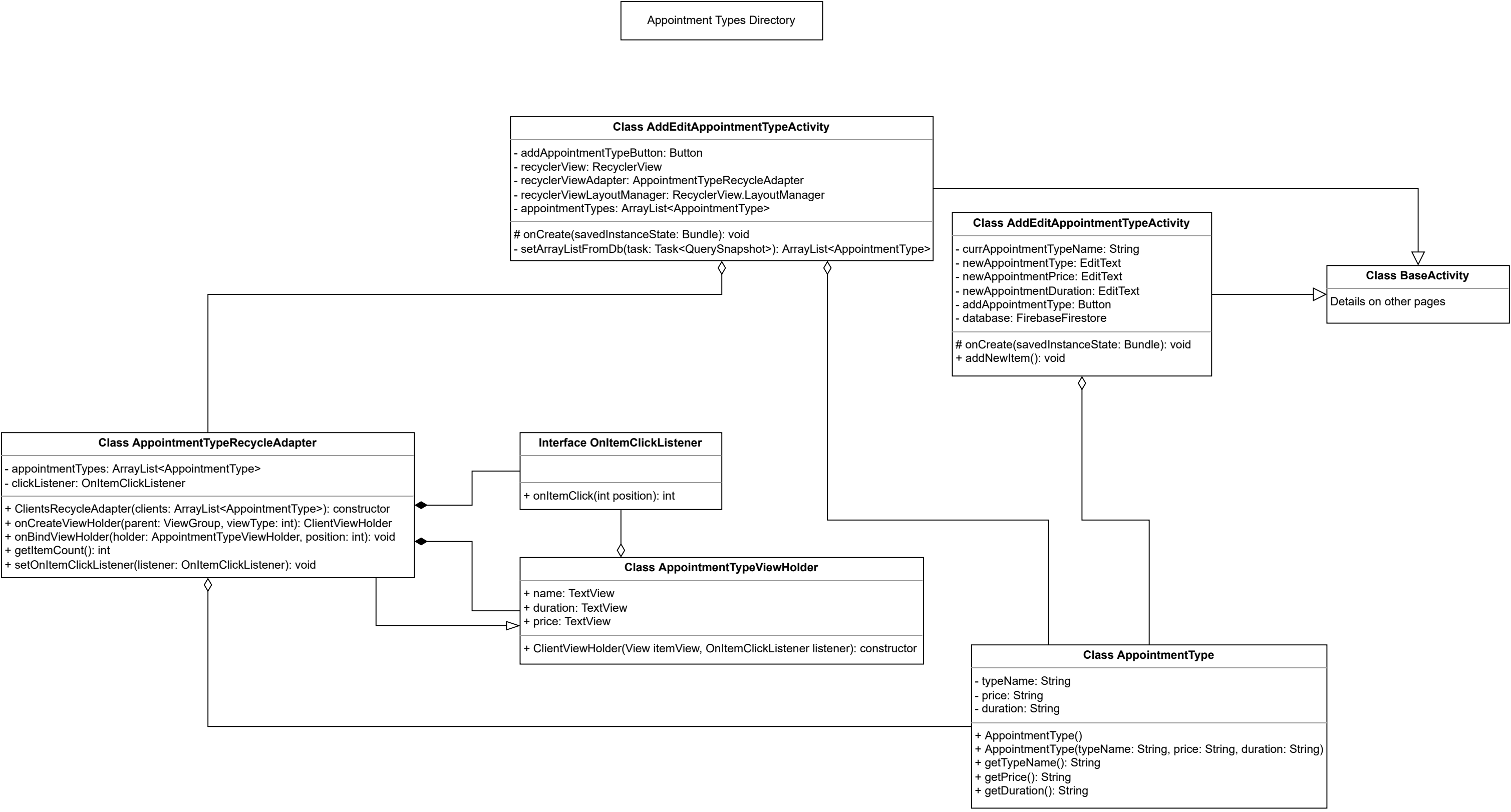
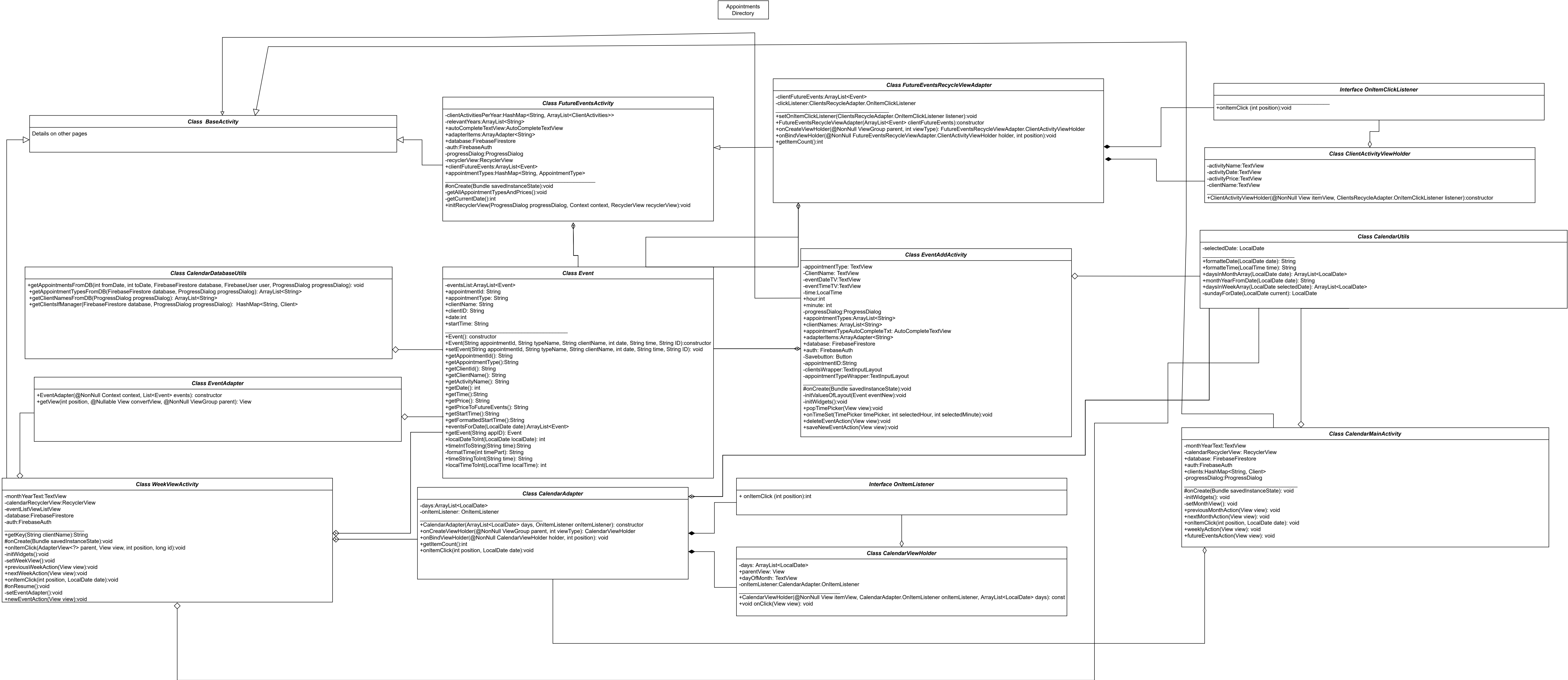


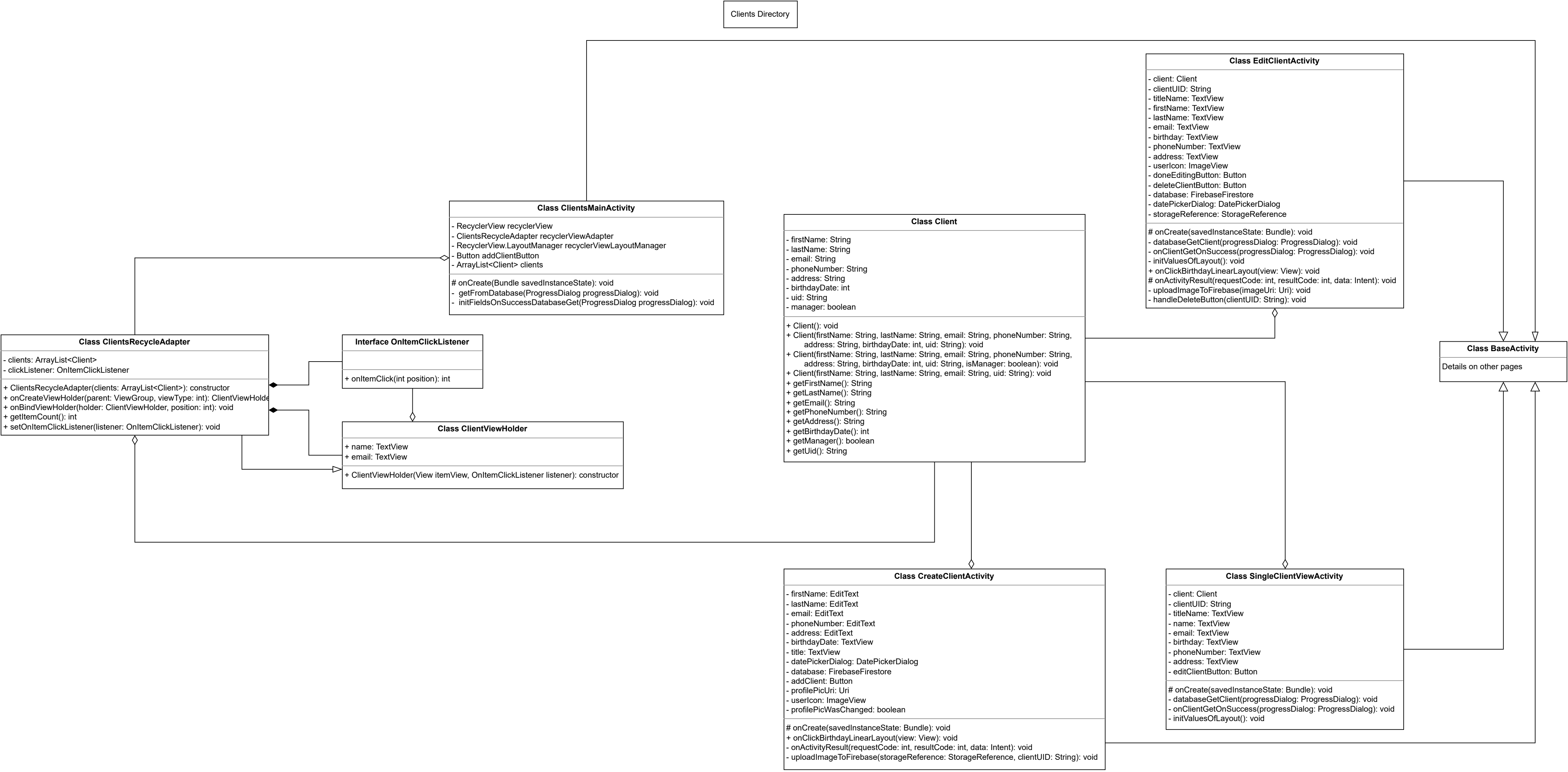
Main Diagram











History and Analytics Directory

Class AnalyticsActivity

- relevantYears: ArrayList<String>
- autoCompleteTextView: AutoCompleteTextView
- adapterItems: ArrayAdapter<String>
- clientActivitiesPerYear: HashMap<String, ArrayList<ClientActivities>>

onCreate(Bundle savedInstanceState): void

- showYearData(year: String): void

Class AnalyticsDatabaseUtils

+ getAppointmentsFromDB(fromDate: int, toDate: int, database: FirebaseFirestore, user: FirebaseUser, progressDialog: ProgressDialog, context: Context, recyclerView: RecyclerView, totalRevenueTextView: TextView): void

+ getAppointmentsFromDB(database: FirebaseFirestore, progressDialog: ProgressDialog, context: Context, recyclerView: RecyclerView, totalRevenueTextView: TextView, user: FirebaseUser): void

+ initRecyclerView(progressDialog: ProgressDialog, context: Context, recyclerView: RecyclerView, totalRevenueTextView: TextView,): void

Class BaseActivity

Details on other pages

Class Event

Details on other pages

Class Orders

Details on other pages

Interface ClientActivities

+ getActivityName(): String

+ getDate(): int

+ getTime(): String

+ getPrice(): String

+ getClientName(): String

Class HistoryActivity

- database: FirebaseFirestore
- auth: FirebaseAuth
- totalRevenueTextView: TextView
- analyticsButton: Button
- recyclerView: RecyclerView
- + appointmentTypes: HashMap<String, AppointmentType>
- + clientActivities: ArrayList<ClientActivities>

onCreate(savedInstanceState: Bundle): void

Class AppointmentType

Details on other pages

Class Client

Details on other pages

Class HistoryRecycleAdapter

- appointmentTypes: ArrayList<ClientActivities>
- clickListener: OnItemClickListener

+ HistoryRecycleAdapter(clients: ArrayList<ClientActivities>): constructor

+ onCreateViewHolder(parent: ViewGroup, viewType: int): HistoryActivityViewHolder

+ onBindViewHolder(holder: HistoryActivityViewHolder, position: int): void

+ getItemCount(): int

+ setOnItemClickListener(listener: OnItemClickListener): void

Interface OnItemClickListener

+ onItemClick(int position): int

Class HistoryActivityViewHolder

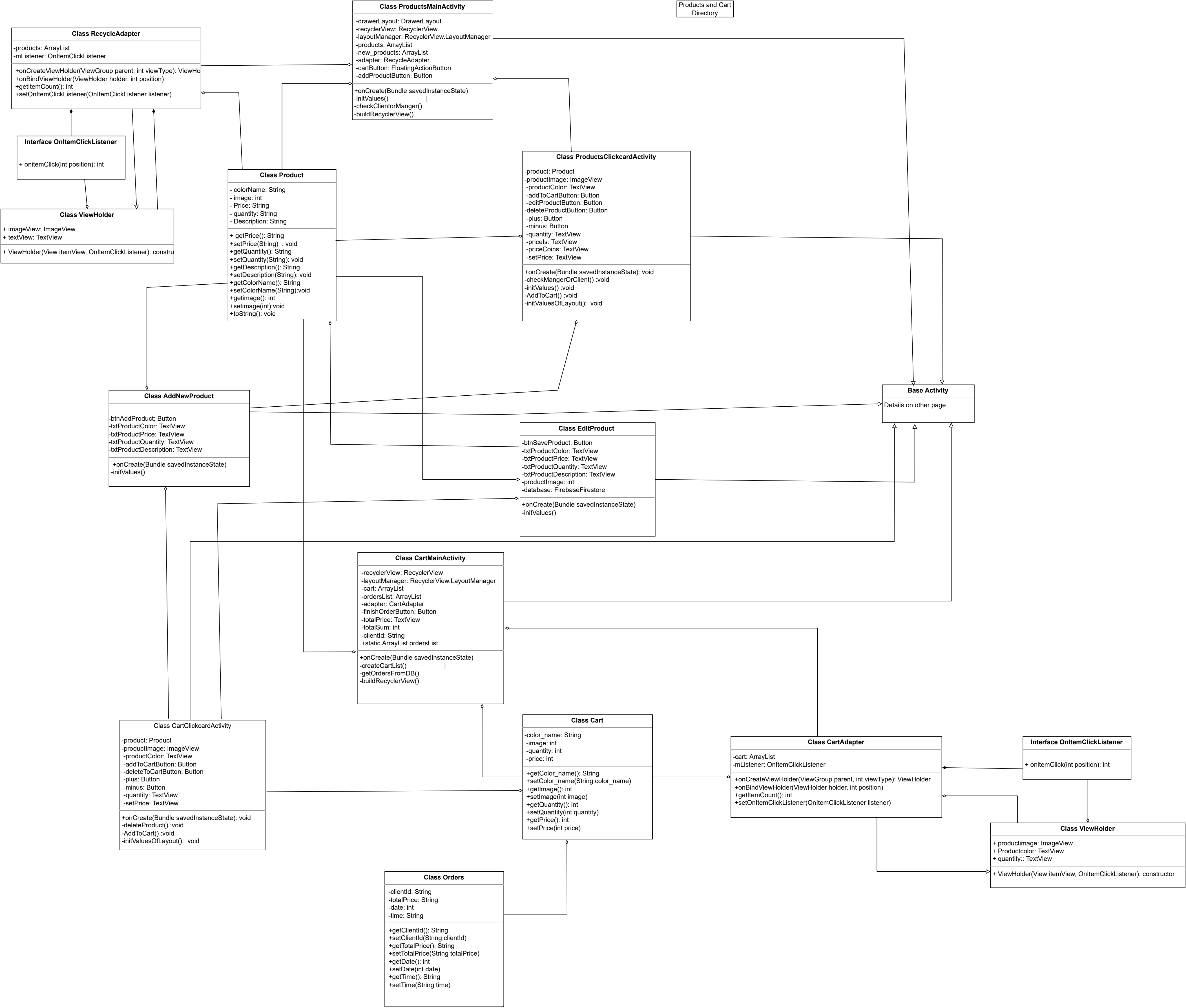
+ activityName: TextView

+ activityDate: TextView

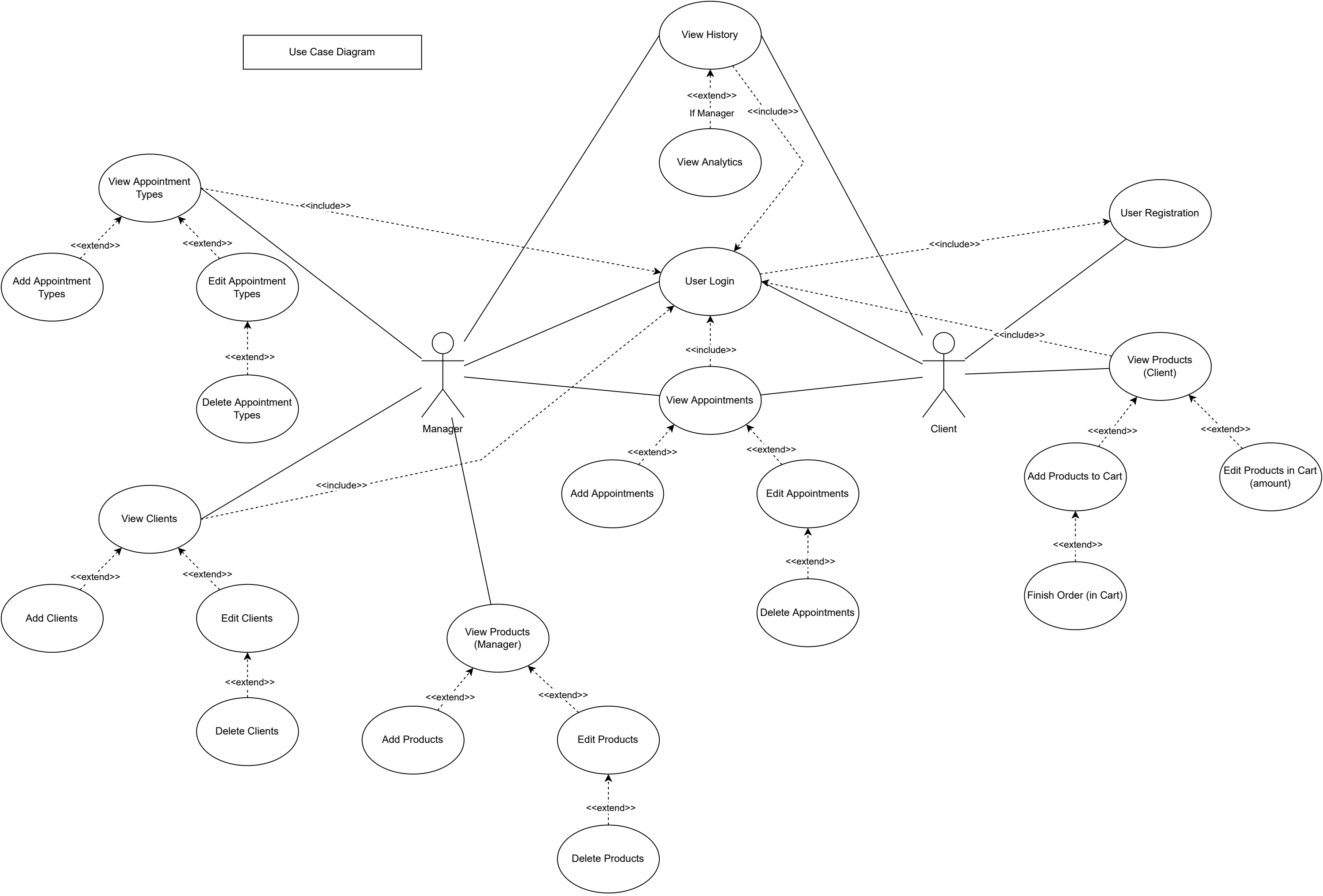
+ activityPrice: TextView

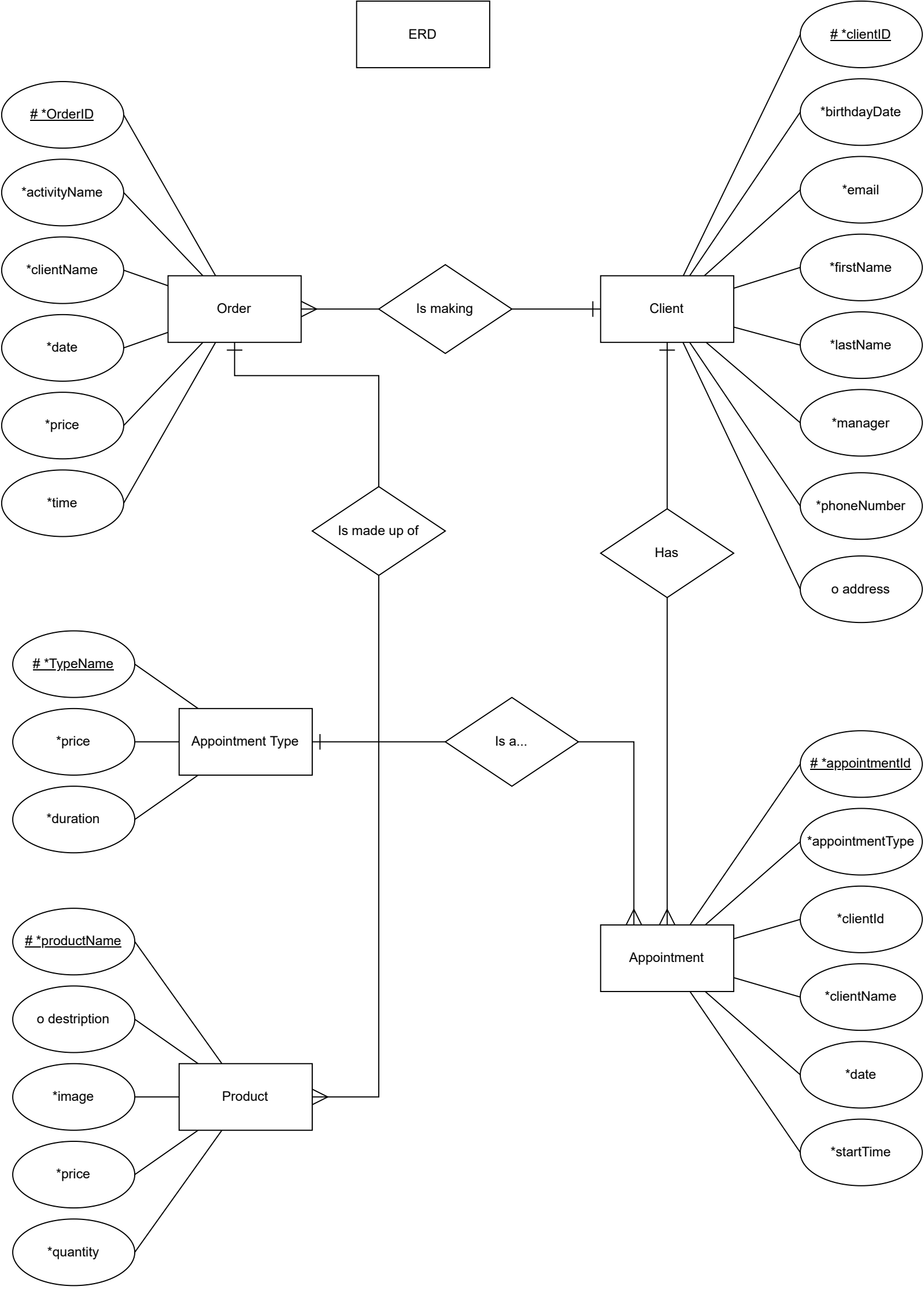
+ clientName: TextView

+ ClientViewHolder(View itemView, OnItemClickListener listener): constructor



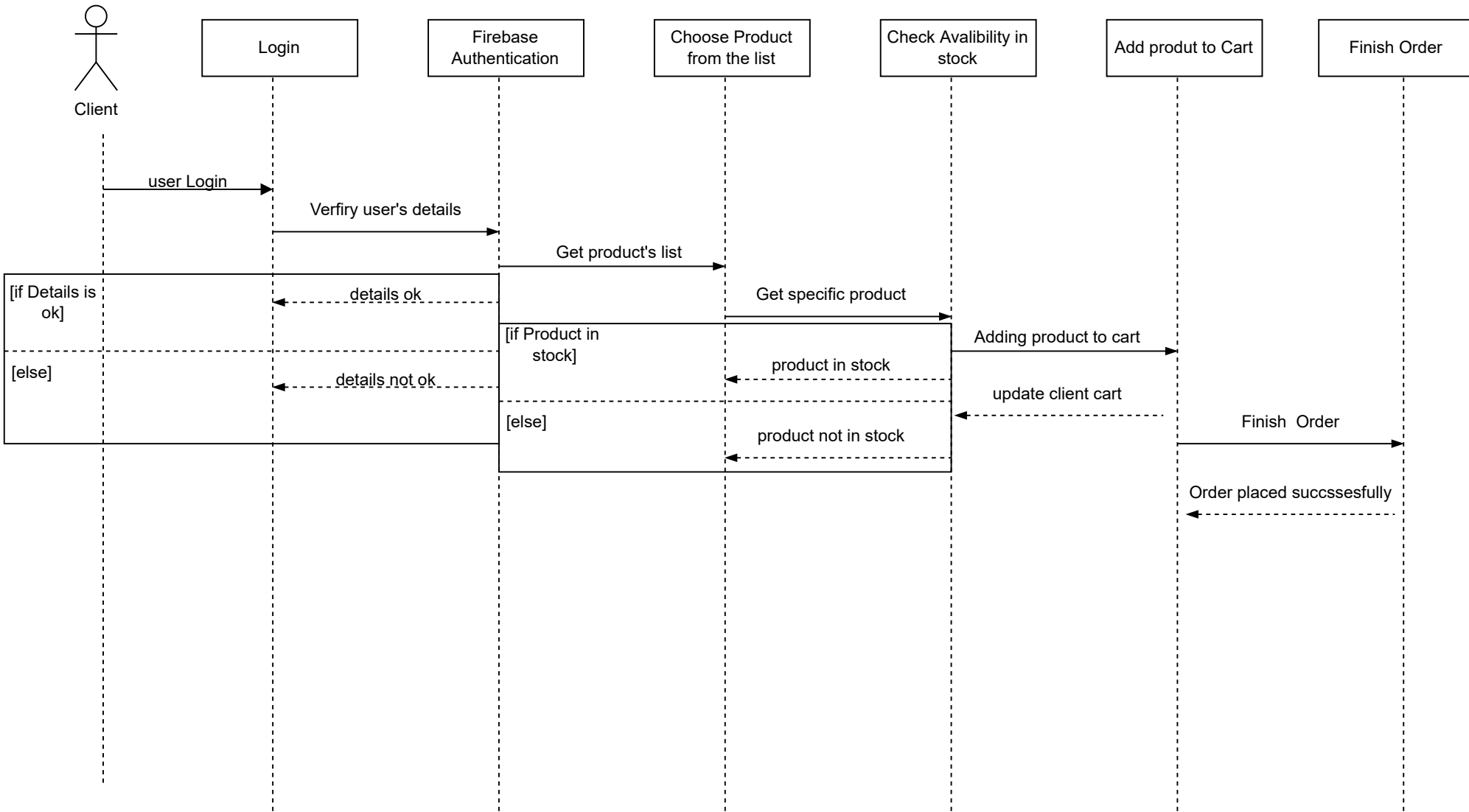
Use Case Diagram



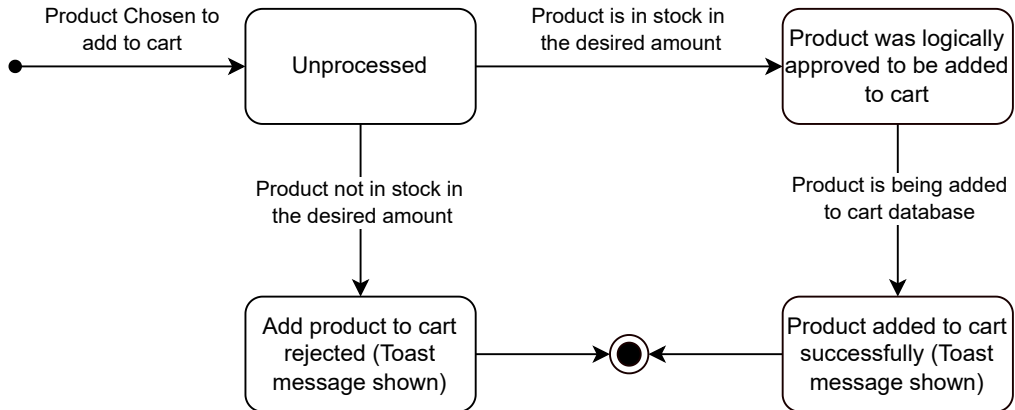


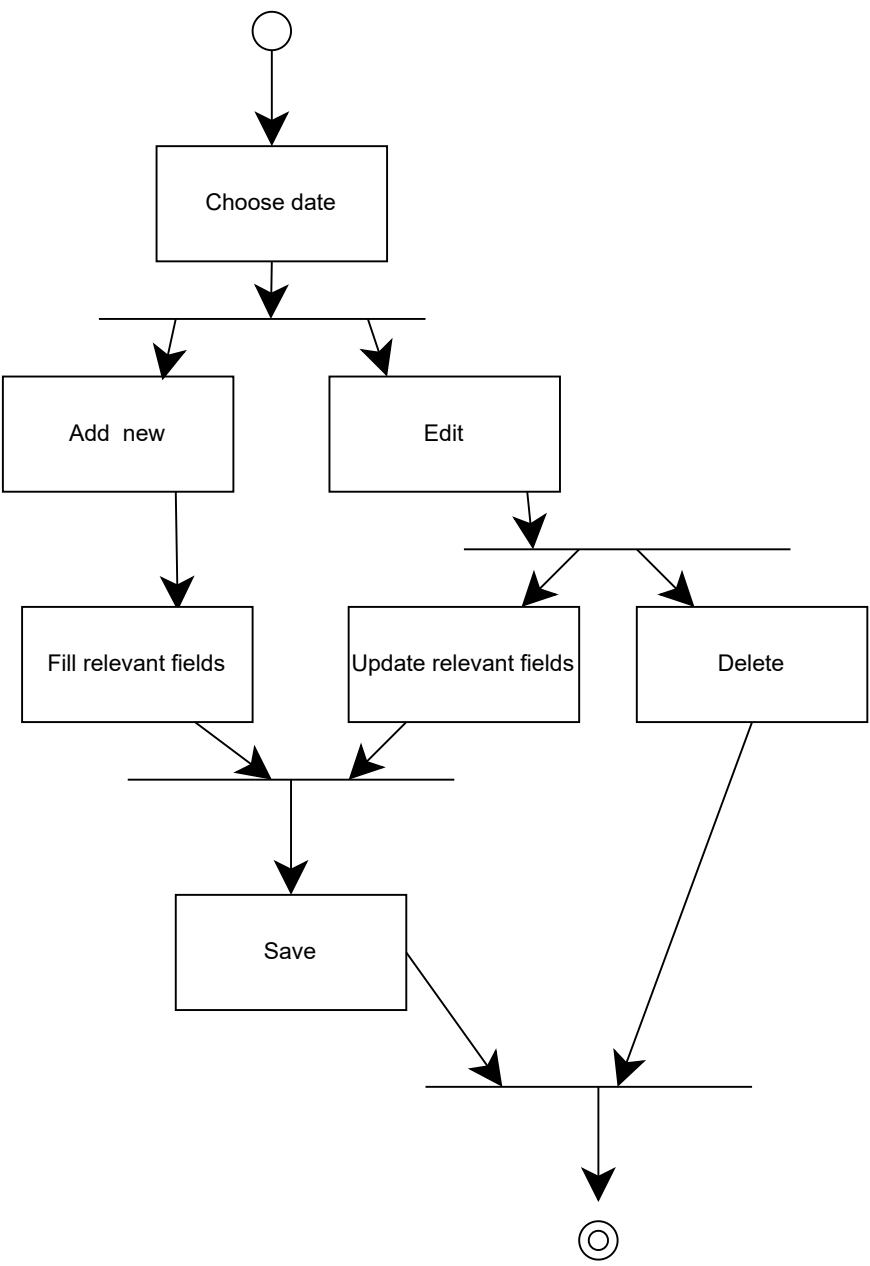
Sequence Diagram

Order a Product



State Machine





Object Diagram

Class Client

address: "ariel"
birthdayDate: 19770206
email: "yuv@gmail.com"
firstName: "yuval"
lastName: "benS"
manager: true
phoneNumber: "05477777"
uid: "rGUqst9NOQRPSUN7gWqTgjCV4ew2 "

Event

eventlist: {ba207bda41ae4c8498654bf5b974d09c}
appointmentID: "ba207bda41ae4c8498654bf5b974d0
appointmentType: "Ped"
clientID: "rGUqst9NOQRPSUN7gWqTgjCV4ew2 "
clientName: "yuval benS"
date: 20221225
startTime: "1200"

EventAddActivity

appointmentType: "Ped"
clientName: "yuval benS"
eventDate: 20221225
EventTime: "1200"