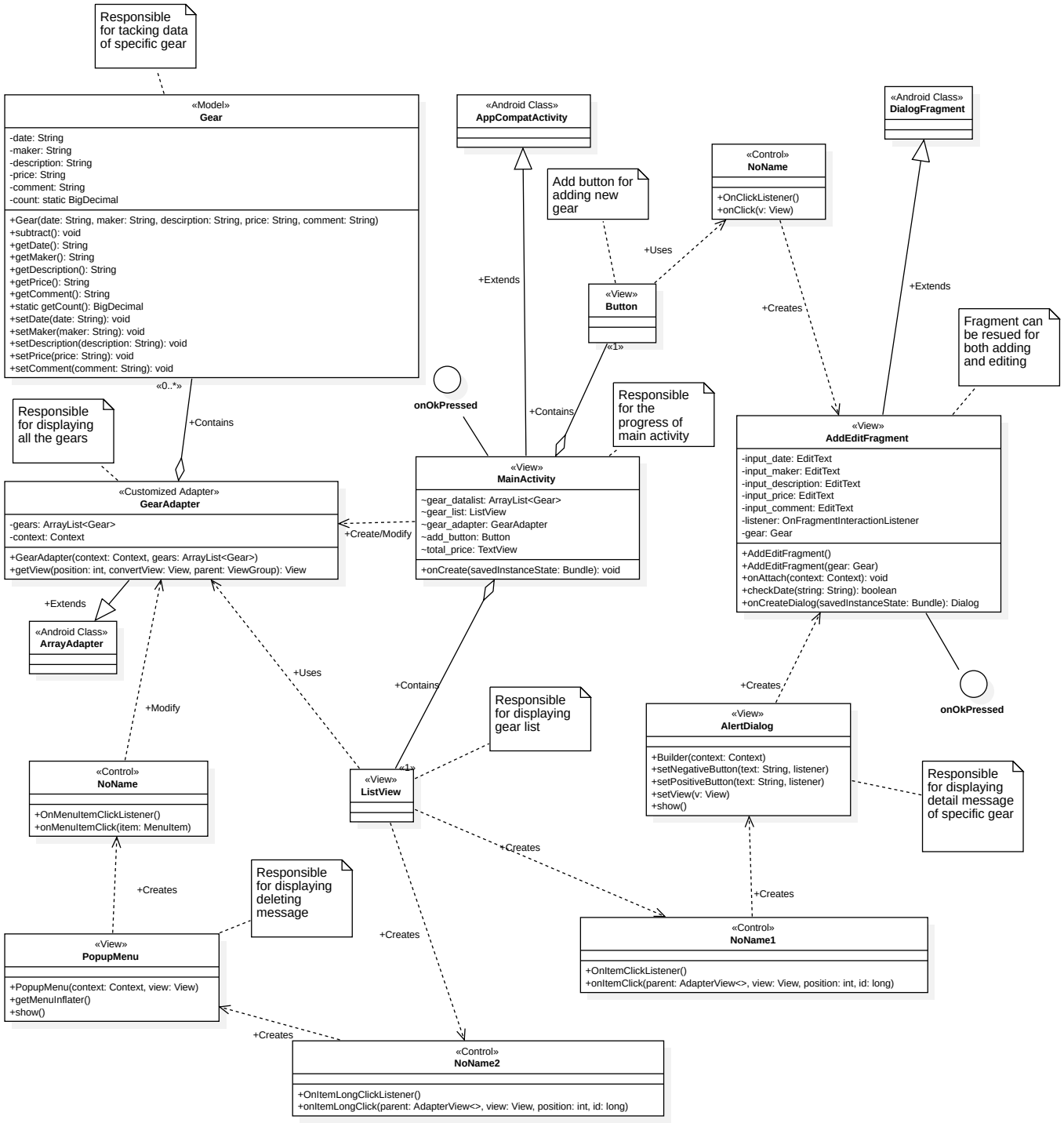
Model::Main


Responsible for tacking data of specific gear
«Model»
Gear
-date: String
-maker: String
-description: String
-price: String
-comment: String
-count: static BigDecimal
+Gear(date: String, maker: String, descirption: String, price: String, comment: String)
+subtract(): void
+getDate(): String
+getMaker(): String
+getDescription(): String
+getPrice(): String
+getComment(): String
+static getCount(): BigDecimal
+setDate(date: String): void
+setMaker(maker: String): void
+setDescription(description: String): void
+setPrice(price: String): void
+setComment(comment: String): void
«Android Class»
AppCompatActivity
«Android Class»
DialogFragment
«Control»
NoName
+OnClickListener()
+onClick(v: View)
Add button for adding new gear
+Uses
+Extends
«View»
Button
+Creates
+Extends
Fragment can be resued for both adding and editing
«1»
«0..*»
onOkPressed
+Contains
+Contains
Responsible for the progress of main activity
Responsible for displaying all the gears
«View»
AddEditFragment
-input_date: EditText
-input_maker: EditText
-input_description: EditText
-input_price: EditText
-input_comment: EditText
-listener: OnFragmentInteractionListener
-gear: Gear
+AddEditFragment()
+AddEditFragment(gear: Gear)
+onAttach(context: Context): void
+checkDate(string: String): boolean
+onCreateDialog(savedInstanceState: Bundle): Dialog
«Customized Adapter»
GearAdapter
-gears: ArrayList<Gear>
-context: Context
+GearAdapter(context: Context, gears: ArrayList<Gear>)
+getView(position: int, convertView: View, parent: ViewGroup): View
+Create/Modify
«View»
MainActivity
~gear_datalist: ArrayList<Gear>
~gear_list: ListView
~gear_adapter: GearAdapter
~add_button: Button
~total_price: TextView
+onCreate(savedInstanceState: Bundle): void
+Extends
«Android Class»
ArrayAdapter
+Uses
+Contains
+Modify
+Creates
onOkPressed
Responsible for displaying gear list
«View»
AlertDialog
+Builder(context: Context)
+setNegativeButton(text: String, listener)
+setPositiveButton(text: String, listener)
+setView(v: View)
+show()
«Control»
NoName
+OnMenuItemClickListener()
+onMenuItemClick(item: MenuItem)
«View»
ListView
«1»
Responsible for displaying detail message of specific gear
+Creates
+Creates
Responsible for displaying deleting message
+Creates
«Control»
NoName1
+OnItemClickListener()
+onItemClick(parent: AdapterView<>, view: View, position: int, id: long)
«View»
PopupMenu
+PopupMenu(context: Context, view: View)
+getMenuInflater()
+show()
+Creates
«Control»
NoName2
+OnItemLongClickListener()
+onItemLongClick(parent: AdapterView<>, view: View, position: int, id: long)