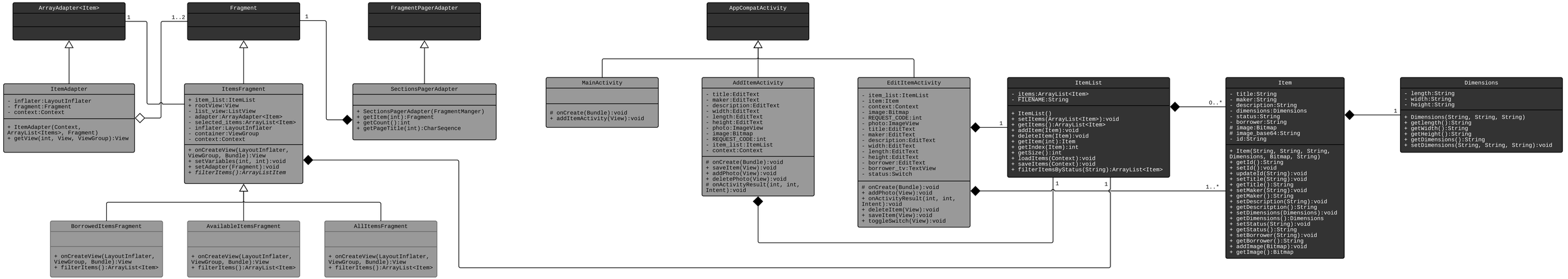
ArrayAdapter<Item>
Fragment
FragmentPagerAdapter
AppCompatActivity
1
1..2
1
ItemAdapter
- inflater:LayoutInflater
- fragment:Fragment
- context:Context
+ ItemAdapter(Context, ArrayList<Items>, Fragment)
+ getView(int, View, ViewGroup):View
ItemsFragment
+ item_list:ItemList
+ rootView:View
- list_view:ListView
- adapter:ArrayAdapter<Item>
- selected_items:ArrayList<Item>
- inflater:LayoutInflater
- container:ViewGroup
- context:Context
+ onCreateView(LayoutInflater, ViewGroup, Bundle):View
+ setVariables(int, int):void
+ setAdapter(Fragment):void
+ filterItems():ArrayListItem
SectionsPagerAdapter
+ SectionsPagerAdapter(FragmentManger)
+ getItem(int):Fragment
+ getCount():int
+ getPageTitle(int):CharSeqence
BorrowedItemsFragment
+ onCreateView(LayoutInflater, ViewGroup, Bundle):View
+ filterItems():ArrayList<Item>
AvailableItemsFragment
+ onCreateView(LayoutInflater, ViewGroup, Bundle):View
+ filterItems():ArrayList<Item>
AllItemsFragment
+ onCreateView(LayoutInflater, ViewGroup, Bundle):View
+ filterItems():ArrayList<Item>
MainActivity
onCreate(Bundle):void
+ addItemActivity(View):void
AddItemActivity
- title:EditText
- maker:EditText
- description:EditText
- width:EditText
- length:EditText
- height:EditText
- photo:ImageView
- image:Bitmap
- REQUEST_CODE:int
- item_list:ItemList
- context:Context
onCreate(Bundle):void
+ saveItem(View):void
+ addPhoto(View):void
+ deletePhoto(View):void
# onActivityResult(int, int, Intent):void
EditItemActivity
- item_list:ItemList
- item:Item
- context:Context
- image:Bitmap
- REQUEST_CODE:int
- photo:ImageView
- title:EditText
- maker:EditText
- description:EditText
- width:EditText
- length:EditText
- height:EditText
- borrower:EditText
- borrower_tv:TextView
- status:Switch
onCreate(Bundle):void
+ addPhoto(View):void
+ onActivityResult(int, int, Intent):void
+ deleteItem(View):void
+ saveItem(View):void
+ toggleSwitch(View):void
1
ItemList
- items:ArrayList<Item>
- FILENAME:String
+ ItemList()
+ setItems(ArrayList<Item>):void
+ getItems():ArrayList<Item>
+ addItem(Item):void
+ deleteItem(Item):void
+ getItem(int):Item
+ getIndex(Item):int
+ getSize():int
+ loadItems(Context):void
+ saveItems(Context):void
+ filterItemsByStatus(String):ArrayList<Item>
0..*
1
1
1..*
Item
- title:String
- maker:String
- description:String
- dimensions:Dimensions
- status:String
- borrower:String
image:Bitmap
image_base64:String
- id:String
+ Item(String, String, String, Dimensions, Bitmap, String)
+ getId():String
+ setId():void
+ updateId(String):void
+ setTitle(String):void
+ getTitle():String
+ setMaker(String):void
+ getMaker():String
+ setDescription(String):void
+ getDescritption():String
+ setDimensions(Dimensions):void
+ getDimensions():Dimensions
+ setStatus(String):void
+ getStatus():String
+ setBorrower(String):void
+ getBorrower():String
+ addImage(Bitmap):void
+ getImage():Bitmap
1
Dimensions
- length:String
- width:String
- height:String
+ Dimensions(String, String, String)
+ getlength():String
+ getWidth():String
+ getHeight():String
+ getDimensions():String
+ setDimensions(String, String, String):void