Working with Items in RecyclerView

Sriyank Siddhartha
Author

linkedin.com/in/sriyank

Overview

LayoutManagers

- LinearLayoutManager

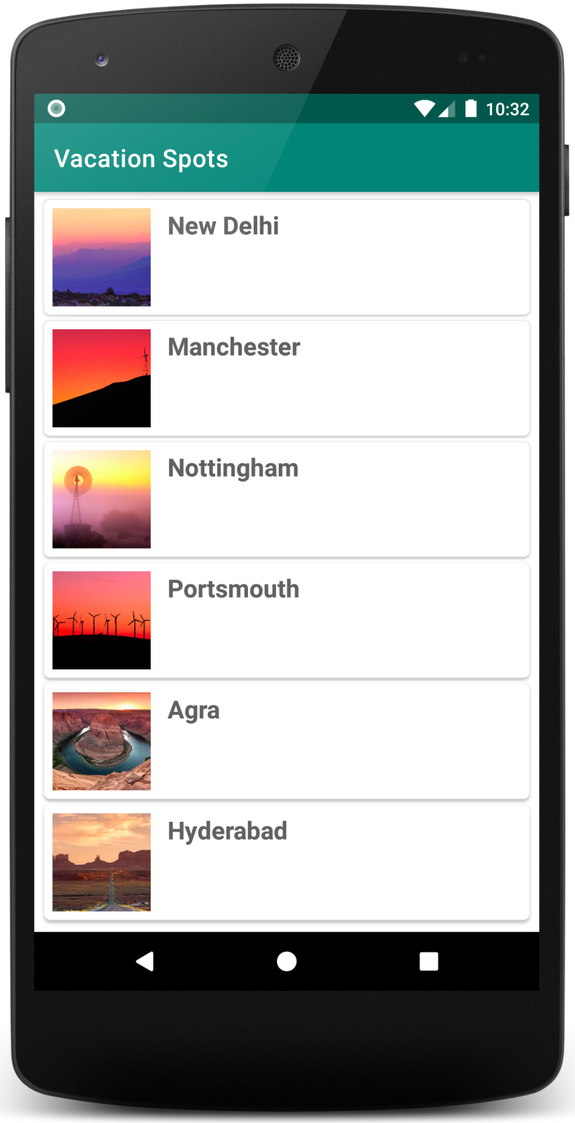
Operations on items

- OnClick events
- Delete an item
- Add a new item

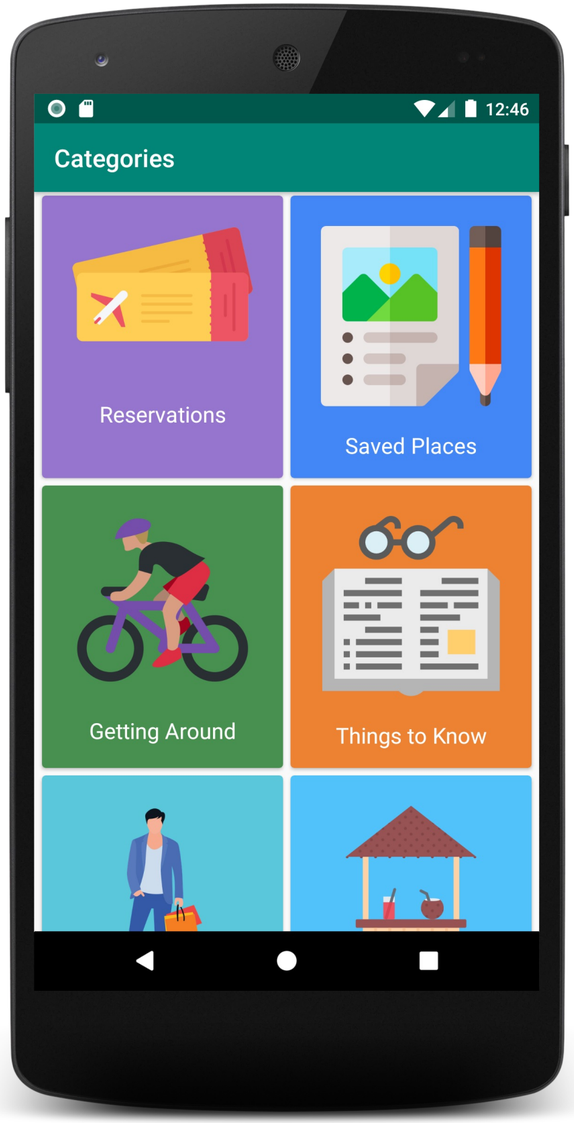
Solution: FavoriteFragment RecyclerView

LayoutManagers

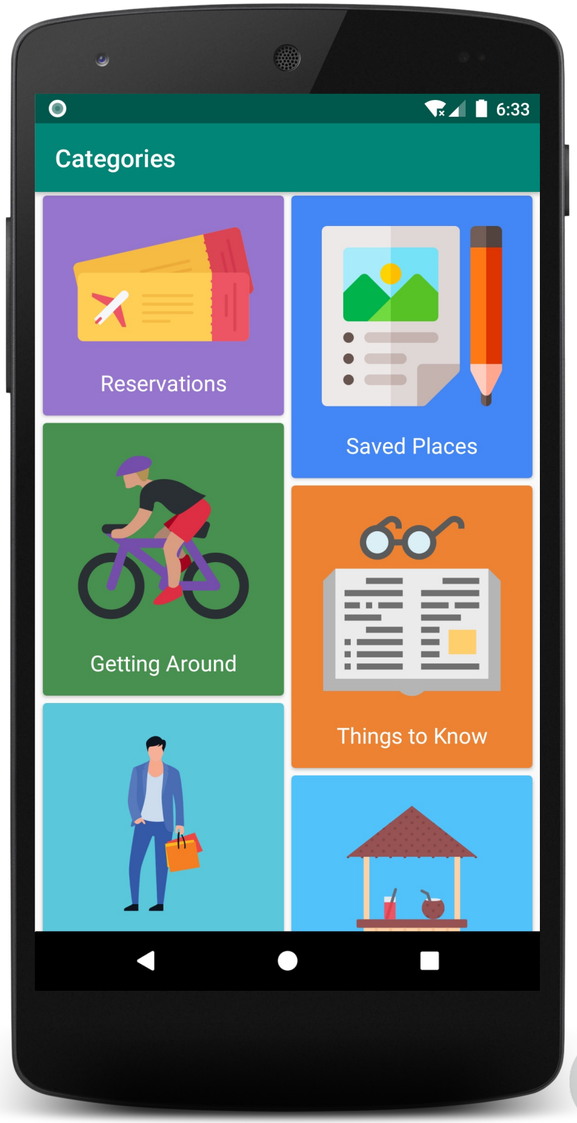
LinearLayoutManager



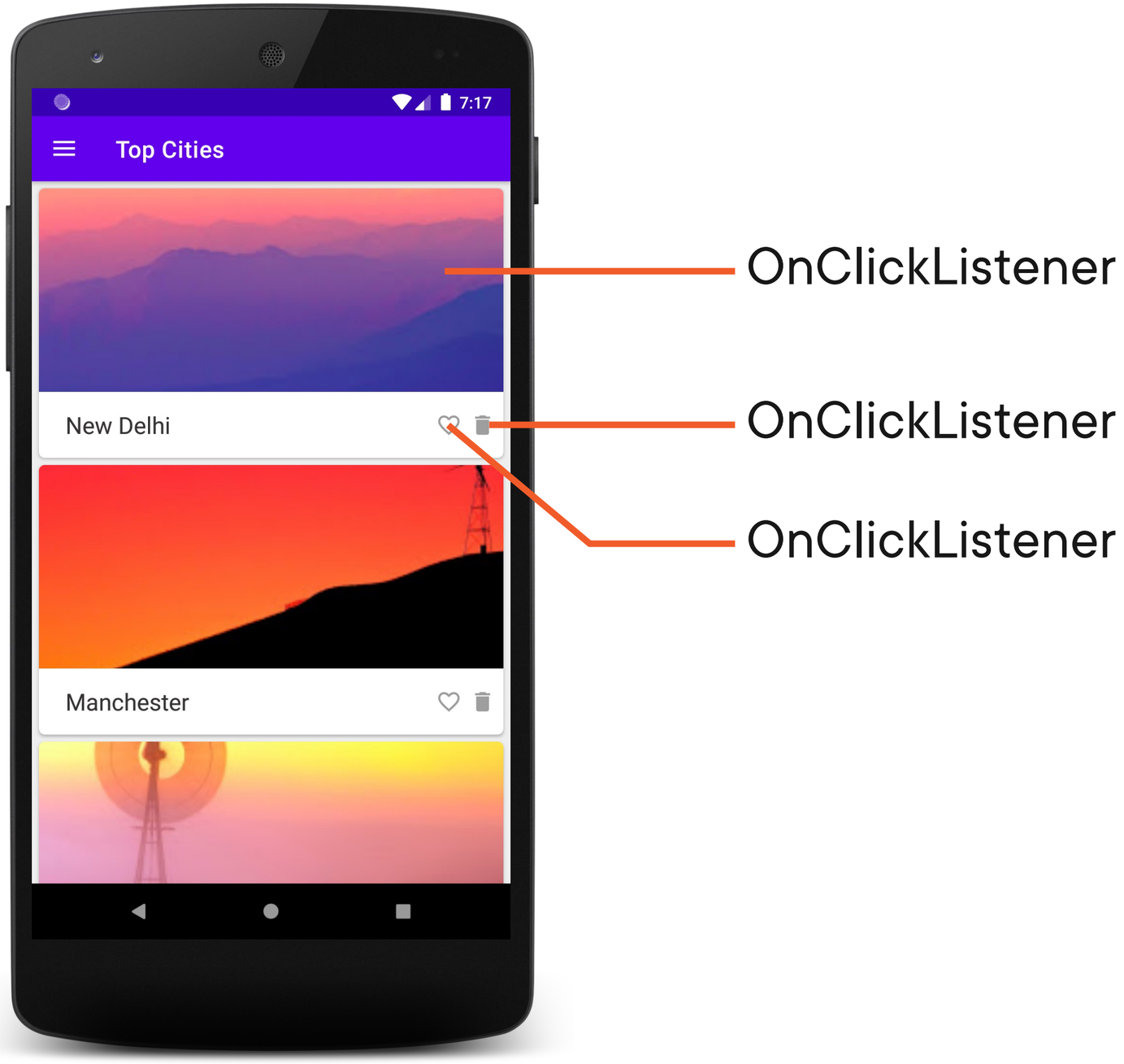
GridLayoutManager



StaggeredGridLayoutManager



Adding OnClick Listeners


7:17
Top Cities
New Delhi
Manchester
OnClickListener
OnClickListener
OnClickListener

Add and Delete an Item

```
cityList.removeAt(position)
notifyItemRemoved(position)
notifyItemRangeChanged(position, cityList.size)
```

Deleting an Item

```
cityList.add(position, newCityObject)
notifyItemInserted(position)
notifyItemRangeChanged(position, cityList.size)
```

Adding an Item

Add Item to Favorite List

Summary

RecyclerView

- Role of Adapter
- ViewHolder design pattern
- Layout managers
  - LinearLayoutManager
  - GridLayoutManager
  - StaggeredGridLayoutManager

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Up Next:
Adding Bottom Navigation Bar