

## Fragment

## FirstFragment

- binding: FragmentFirstBinding
- + on Create View (Layout Inflater, View Group, Bundle): View
- + onDestroyView(): void
- onViewCreated(View, Bundle): void

## **AppCompatActivity**

## InstructorActivity

- back: Button
- + context: Context
- # delete: Button
- # doublePressed: hoolean = false

- username bisplay. Textview
- # onCreate(Bundle): void
- # openMain(): void

## Fragment

## SecondFragment

- binding: FragmentSecondBinding
- on Create View (Layout Inflater, View Group, Bundle): View
- + onDestroyView(): void
- onViewCreated(View, Bundle): void

# AdapterView.OnItemSelectedListener

## SpinnerActivity

- selectedItem: String
- userType: Spinner
- getSelectedItem(): String
- onItemSelected(AdapterView<?>, View, int, long): void
- onNothingSelected(AdapterView<?>): void

## AppCompatActivity

## StudentActivity

- # back: Button
- + context: Context
- # delete: Button
- # doublePressed: boolean = false
- + duration: int = Toast.LENGTH\_LONG
- toast: Toast
- # usernameDisplay: TextView
- # onCreate(Bundle): void
- openMain(): void

## UserModal

- ID: String
- password: String
- username: String
- usertype: String
- + getPassword(): String getUsername(): String
- + getUsertype(): String
- + setPassword(String): void
- + setUsername(String): void
- setUsertype(String): void
- UserModal(String, String, String, String)

# «property get»

- getID(): String
- «property set»
- setID(String): void

«interface»

UserRVAdapter::

OnUserListener

+ onUserClick(int): void

RecyclerView.ViewHolder

# UserRVAdapter::ViewHolder

- userIDTV: TextView
- userNameTV: TextView
- userPasswordTV: TextView
- userTypeTV: TextView
- + ViewHolder(View)

# ${\bf Example Unit Test}$

+ addition\_isCorrect(): void