

Tests Added During Project 2

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InstrumentedTestSuite.java

Used the JUnit “RunWith” & “Suite” classes

Runs all of the following test classes

1. BottomButtonsTest.java
 - Espresso with Hamcrest library
 - Used ActivityScenarioRule to automatically start the MainActivity
 - Tests: clickProfileButton, clickGoalsButton, clickBmiButton, clickWeatherButton, clickHelpButton,
 - Each test confirmed that all the desired fragments displayed on the screen when the corresponding button was clicked
 - Each test clicked the button (ex. clicked the “ib_profile” the image button), checked that the associated fragment was displayed (ex. “ReviewFragment” was displayed), the HeaderFragment was displayed, and the BottomButtonsFragment was displayed.
2. ChoicesDesignedTest.java
 - Espresso with Hamcrest library
 - Used ActivityTestRule to set it to the HomeActivity and to start the intent after sending the correct uri string in the set up (“Before”) method
 - Tests: allItemsDisplayedCorrectly, clickProfileButton, clickGoalsButton, clickBmiButton, clickWeatherButton, clickHelpButton,
 - allItemsDisplayedCorrectly confirmed that the “Home” screen displayed the correct images, title, as well as buttons
 - All the other tests confirmed that all the desired fragments displayed on the screen when the corresponding button was clicked; Each test clicked the button (ex. clicked the “ib_profile” the image button), checked that the associated fragment was displayed (ex. “ReviewFragment” was displayed), the HeaderFragment was displayed, and the BottomButtonsFragment was displayed.
3. ReviewFragmentTest.java
 - Espresso with Hamcrest library
 - Used ActivityTestRule to set it to the MainActivity and to start the intent in the set up (“Before”) method
 - Clicked the “ib_profile” button in the set up (“Before”) method so that the ReviewFragment was where each test started
 - Tests: linearLayoutsCompletelyDisplayed, hardCodedTextLabelsCompletelyDisplayed
 - linearLayoutsCompletelyDisplayed confirmed that all the linear layouts associated with the ReviewFragment were completely displayed on the screen
 - hardCodedTextLabelsCompletelyDisplayed confirmed that all the hard coded (not changed by the data) text views were completely displayed