

$$172/178 \times 100 = 96.6\%$$

You are an expert in Android UI testing. Currently, you are attempting to match an event from the source app to a widget in the target app to execute similar actions. Actions can only be performed on widgets with "clickable"=True, "long-clickable"=True, and "scrollable"=True. Therefore, select only these widgets.

Browser

1. {'text': 'Search or type URL', 'clickable': True, 'resource-id': 'de.baumann.browser:id/main omnibox input'}
2. {'text': '<https://www.ics.uci.edu/>', 'clickable': True, 'resource-id': 'de.baumann.browser:id/main omnibox input'}
3. {'text': 'Donald Bren School of Information and Computer Sciences @ University of California, Irvine', 'scrollable': True}
4. {'text': 'Search or enter address', 'clickable': True, 'resource-id': 'org.mozilla.focus:id/urlView'}
5. {'text': '<https://www.ics.uci.edu/>', 'clickable': True, 'resource-id': 'org.mozilla.focus:id/display url'}
6. {'text': 'Donald Bren School of Information and Computer Sciences @ University of California, Irvine', 'scrollable': True}
7. {'text': 'URL or Search Terms', 'clickable': True, 'resource-id': 'com.stoutner.privacybrowser.standard:id/url edittext'}
8. {'text': '<https://www.ics.uci.edu/>', 'clickable': True, 'resource-id': 'com.stoutner.privacybrowser.standard:id/url edittext'}
9. {'text': 'Donald Bren School of Information and Computer Sciences @ University of California, Irvine', 'scrollable': True}
10. {'text': 'Search or enter address', 'clickable': True, 'long-clickable': True, 'resource-id': 'org.mozilla.focus:id/urlView'}
11. {'text': '<https://www.ics.uci.edu/>', 'clickable': True, 'long-clickable': True, 'resource-id': 'org.mozilla.focus:id/display url'}
12. {'text': 'Donald Bren School of Information and Computer Sciences @ University of California, Irvine', 'scrollable': True}
13. {'text': 'URL or Search Terms', 'clickable': True, 'long-clickable': True, 'resource-id': 'com.stoutner.privacybrowser.standard:id/url edittext'}
14. {'text': '<https://www.ics.uci.edu/>', 'clickable': True, 'long-clickable': True, 'resource-id': 'com.stoutner.privacybrowser.standard:id/url edittext'}
15. {'text': 'Donald Bren School of Information and Computer Sciences @ University of California, Irvine', 'scrollable': True}
16. {'text': 'Search or type URL', 'clickable': True, 'long-clickable': True, 'resource-id': 'de.baumann.browser:id/main omnibox input'}
17. {'text': '<https://www.ics.uci.edu/>', 'clickable': True, 'long-clickable': True, 'resource-id': 'de.baumann.browser:id/main omnibox input'}
18. {'text': 'Donald Bren School of Information and Computer Sciences @ University of California, Irvine', 'scrollable': True}

DoToList (Testcase1)

19.{'clickable': True, 'resource-id': 'douzify.list:id/fab add'}

20. {'text': '标题', 'clickable': True, 'long-clickable': True, 'resource-id': 'douzify.list:id/edit text'}

21.{'clickable': True, 'resource-id': 'douzify.list:id/fab add'}

22.{'text': 'Sample Todo', 'resource-id': 'douzify.list:id/txt thing'}

23.{'clickable': True, 'resource-id': 'org.secuso.privacyfriendlytodolist:id/fab new task'}

24.{'text': 'Sample Todo', 'clickable': True, 'long-clickable': True, 'resource-id': 'org.secuso.privacyfriendlytodolist:id/et new task name'}

25. {'clickable': True, 'resource-id': 'org.secuso.privacyfriendlytodolist:id/fab new task'}.
26.{'text': 'Sample Todo', 'resource-id': 'org.secuso.privacyfriendlytodolist:id/tv exlv task name'}.

27. {'text': 'New List Name', 'clickable': True, 'long-clickable': True, 'resource-id': 'kdk.android.simplydo:id/AddListEditText'}.

28. {'text': 'Add', 'clickable': True, 'resource-id': 'kdk.android.simplydo:id/AddListButton'}.

29.{'text': 'Sample Todo', 'resource-id': 'kdk.android.simplydo:id/text1'}.

30.{'clickable': True, 'resource-id': 'com.woefe.shoppinglist:id/fab add'}.

31 {'text': 'New Item', 'clickable': True, 'long-clickable': True, 'resource-id': 'com.woefe.shoppinglist:id/new item description'}.

32. {'clickable': True, 'resource-id': 'com.woefe.shoppinglist:id/button add new item'}.

33.{'text': 'Sample Todo', 'resource-id': 'com.woefe.shoppinglist:id/text description'}

34.{'clickable': True, 'resource-id': 'com.rubenroy.minimaltodo:id/addToDoItemFAB'}

35.{'clickable': True, 'long-clickable': True, 'resource-id': 'com.rubenroy.minimaltodo:id/userToDoEditText'}

36.{'clickable': True, 'resource-id': 'com.rubenroy.minimaltodo:id/makeToDoFloatingActionButton'}

37.{'text': 'Sample Todo', 'resource-id': 'com.rubenroy.minimaltodo:id/toDoListItemTextview'}

38.{'clickable': True, 'resource-id': 'org.secuso.privacyfriendlytodolist:id/fab new task'}

39.{'text': 'Sample Todo', 'clickable': True, 'long-clickable': True, 'resource-id': 'org.secuso.privacyfriendlytodolist:id/et new task name'}

40. {'clickable': True, 'resource-id': 'org.secuso.privacyfriendlytodolist:id/fab new task'}

41. {'text': 'Sample Todo', 'resource-id': 'org.secuso.privacyfriendlytodolist:id/tv exlv task name'}

42. {'text': 'New List Name', 'clickable': True, 'long-clickable': True, 'resource-id': 'kdk.android.simplydo:id/AddListEditText'}

43. {'text': 'Add', 'clickable': True, 'resource-id': 'kdk.android.simplydo:id/AddListButton'}

44. {'text': 'Sample Todo', 'resource-id': 'kdk.android.simplydo:id/text1'}

45. {'clickable': True, 'resource-id': 'com.woefe.shoppinglist:id/fab add'}

46.{'text': 'New Item', 'clickable': True, 'resource-id': 'com.woefe.shoppinglist:id/new item description'}

47.{'clickable': True, 'resource-id': 'com.woefe.shoppinglist:id/button add new item'}

48.{'text': 'Sample Todo', 'resource-id': 'com.woefe.shoppinglist:id/text description'}

49.{'clickable': True, 'resource-id': 'com.rubenroy.minimaltodo:id/addToDoItemFAB'}

50.{'clickable': True, 'resource-id': 'com.rubenroy.minimaltodo:id/userToDoEditText'}

51.{'clickable': True, 'resource-id': 'com.rubenroy.minimaltodo:id/makeToDoFloatingActionButton'}

52.{'text': 'Sample Todo', 'resource-id': 'com.rubenroy.minimaltodo:id/toDoListItemTextview'}

53.{'clickable': True, 'resource-id': 'douzifly.list:id/fab add'}.

54.{'text': '标题', 'clickable': True, 'long-clickable': True, 'resource-id': 'douzifly.list:id/edit text'}.

55.{'clickable': True, 'resource-id': 'douzifly.list:id/fab add'}

56.{'text': 'Sample Todo', 'resource-id': 'douzifly.list:id/txt thing'}.

57.{'text': 'New List Name', 'clickable': True, 'long-clickable': True, 'resource-id': 'kdk.android.simplydo:id/AddListEditText'}.

58.{'text': 'Add', 'clickable': True, 'resource-id': 'kdk.android.simplydo:id/AddListButton'}.

59.{'text': 'Sample Todo', 'resource-id': 'kdk.android.simplydo:id/text1'}.

60.com.woefe.shoppinglist:id/fab add

61.com.woefe.shoppinglist:id/new item description

62.com.woefe.shoppinglist:id/button add new item

63.com.woefe.shoppinglist:id/text description

64.com.rubenroy.minimaltodo:id/userToDoEditText

65.com.rubenroy.minimaltodo:id/makeToDoFloatingActionButton

66.com.rubenroy.minimaltodo:id/toDoListItemTextview

67.{'text': '标题', 'clickable': True, 'long-clickable': True, 'resource-id': 'douzifly.list:id/edit text'}

68.{'clickable': True, 'resource-id': 'douzifly.list:id/fab add'}

69. {'text': 'Sample Todo', 'resource-id': 'douzifly.list:id/txt thing'}

70.{'text': 'Sample Todo', 'clickable': True, 'long-clickable': True, 'resource-id': 'org.secuso.privacyfriendlytodolist:id/et new task name'}

71.{'clickable': True, 'resource-id': 'org.secuso.privacyfriendlytodolist:id/fab new task'}

72. {'text': 'Sample Todo', 'resource-id': 'org.secuso.privacyfriendlytodolist:id/tv exlv task name'}

73.{'text': 'New Item', 'clickable': True, 'long-clickable': True, 'resource-id': 'com.woefe.shoppinglist:id/new item description'}

74.{'clickable': True, 'resource-id': 'com.woefe.shoppinglist:id/button add new item'}

75.{'text': 'Sample Todo', 'resource-id': 'com.woefe.shoppinglist:id/text description'}

76.{'clickable': True, 'resource-id': 'com.rubenroy.minimaltodo:id/addToDoItemFAB'}

77.{'clickable': True, 'long-clickable': True, 'resource-id': 'com.rubenroy.minimaltodo:id/userToDoEditText'}

78.{'clickable': True, 'resource-id':
'com.rubenroy.minimaltodo:id/makeToDoFloatingActionButton'}

79.{'text': 'Sample Todo', 'resource-id': 'com.rubenroy.minimaltodo:id/toDoListItemTextview'}

80.{'clickable': True, 'resource-id': 'douzifyfly.list:id/fab add'}

81.{'text': '标题', 'clickable': True, 'long-clickable': True, 'resource-id': 'douzifyfly.list:id/edit text'}

82.{'clickable': True, 'resource-id': 'douzifyfly.list:id/fab add'}

83.{'text': 'Sample Todo', 'resource-id': 'douzifyfly.list:id/txt thing'}

84.{'clickable': True, 'resource-id': 'org.secuso.privacyfriendlytodolist:id/fab new task'}.
85.{'text': 'Sample Todo', 'clickable': True, 'long-clickable': True, 'resource-id':
'org.secuso.privacyfriendlytodolist:id/et new task name'}.

86.{'clickable': True, 'resource-id': 'org.secuso.privacyfriendlytodolist:id/fab new task'}

87.{'text': 'Sample Todo', 'resource-id': 'org.secuso.privacyfriendlytodolist:id/tv exlv task name'}

88.{'text': 'New List Name', 'clickable': True, 'long-clickable': True, 'resource-id':
'kdk.android.simplydo:id/AddListEditText'}

89.{'text': 'Add', 'clickable': True, 'resource-id': 'kdk.android.simplydo:id/AddListButton'}

90.{'text': 'Sample Todo', 'resource-id': 'kdk.android.simplydo:id/text1'}

DoToList (Testcase2)

91.{'clickable': True, 'resource-id': 'douzifyfly.list:id/fab add'}

92.{'text': '标题', 'clickable': True, 'long-clickable': True, 'resource-id': 'douzifyfly.list:id/edit text'}

93.{'clickable': True, 'resource-id': 'douzifyfly.list:id/fab add'}

94.{'text': 'Sample Todo', 'resource-id': 'douzifyfly.list:id/txt thing'}

95.{'text': 'Sample Todo', 'resource-id': 'douzifyfly.list:id/txt thing'}

96. None directly matches since this is a waiting event for a particular text to disappear

106.{'clickable': True, 'resource-id': 'com.woefe.shoppinglist:id/fab add'}

107.{'text': 'New Item', 'clickable': True, 'resource-id': 'com.woefe.shoppinglist:id/new item
description'}

108.{'clickable': True, 'resource-id': 'com.woefe.shoppinglist:id/button add new item'}

109.{'text': 'Sample Todo', 'resource-id': 'com.woefe.shoppinglist:id/text description'}

110.{'text': 'Sample Todo', 'resource-id': 'com.woefe.shoppinglist:id/text description'}

111.No matching widget.

112.{'clickable': True, 'resource-id': 'com.rubenroy.minimaltodo:id/addToDoItemFAB'}

113.{'text': 'Title', 'clickable': True, 'long-clickable': True, 'resource-id':
'com.rubenroy.minimaltodo:id/userToDoEditText'}

114.{'clickable': True, 'resource-id':
'com.rubenroy.minimaltodo:id/makeToDoFloatingActionButton'}

115.{'text': 'Sample Todo', 'resource-id': 'com.rubenroy.minimaltodo:id/toDoListItemTextview'}

116.{'text': 'Sample Todo', 'resource-id': 'com.rubenroy.minimaltodo:id/toDoListItemTextview'}

117.No matching widget

Calculator

```
118. {'text': '56.6', 'clickable': True, 'long-clickable': True, 'resource-id': 'anti.tip:id/bill'}
119. {'text': '15', 'clickable': True, 'long-clickable': True, 'resource-id': 'anti.tip:id/percent'}
120. {'text': '65.09', 'clickable': True, 'long-clickable': True, 'resource-id': 'anti.tip:id/total'}

121. {'text': '100.00', 'clickable': True, 'long-clickable': True, 'resource-id':
'com.tleapps.simpletipcalculator:id/editTextBill'}
122. {'text': '15', 'clickable': True, 'long-clickable': True, 'resource-id':
'com.tleapps.simpletipcalculator:id/editTextTip'}
123. {'text': '$65.09', 'resource-id': 'com.tleapps.simpletipcalculator:id/textViewTotalToPay'}

124. {'text': '100.00', 'clickable': True, 'long-clickable': True, 'resource-id':
'com.zaidisoft.teninone:id/billAmountET'}
125. {'text': '15', 'clickable': True, 'long-clickable': True, 'resource-id':
'com.zaidisoft.teninone:id/tipPercentET'}
126. {'text': '65.09', 'resource-id': 'com.zaidisoft.teninone:id/totalBillAmountTV'}

127. {'text': '100.00', 'clickable': True, 'long-clickable': True, 'resource-id':
'com.jpstudiosonline.tipcalculator:id/etBillTotal'}
128. {'text': '15', 'clickable': True, 'long-clickable': True, 'resource-id':
'com.jpstudiosonline.tipcalculator:id/etTipAmount'}
129. {'text': '$ 8.49', 'resource-id': 'com.jpstudiosonline.tipcalculator:id/tvTipTotal'}
```

News

```
130. {'clickable': True, 'resource-id': 'com.usatoday.android.news:id/list'}
131. {'clickable': True, 'resource-id': 'com.usatoday.android.news:id/list'}
132. {'clickable': True, 'resource-id': 'com.foxnews.android:id/big top item container'}
133. {'clickable': True, 'resource-id': 'com.foxnews.android:id/save'}
```

Shop

```
134. {'text': 'Sign In', 'clickable': True, 'resource-id': 'com.contextlogic.geek:id/login fragment sign
in button'}
135. {'text': 'Email', 'clickable': True, 'long-clickable': True, 'resource-id':
'com.contextlogic.geek:id/sign in fragment email text'}
136. {'text': 'Password', 'clickable': True, 'long-clickable': True, 'resource-id':
'com.contextlogic.geek:id/sign in fragment password text'}
137. {'text': 'Sign In', 'clickable': True, 'resource-id': 'com.contextlogic.geek:id/sign in fragment
sign in button'}
138. There isn't a direct match for this event in the provided target UI Hierarchy.
[Here, ChatGPT cannot link "me" to "Open Menu"]
{'text': 'View Profile'}
```

139.{'text': 'Sign In', 'clickable': True, 'resource-id': 'com.thirdrock.fivemiles:id/sign in'}
140.{'text': 'Email', 'clickable': True, 'long-clickable': True, 'resource-id':
'com.thirdrock.fivemiles:id/login email'}
141.{'text': 'Password (6–16 characters)', 'clickable': True, 'long-clickable': True, 'resource-id':
'com.thirdrock.fivemiles:id/login password'}
142.{'text': 'SIGN IN', 'clickable': True, 'resource-id': 'com.thirdrock.fivemiles:id/login login'}
143.{'content-desc': 'Home', 'clickable': True, 'resource-id': 'com.thirdrock.fivemiles:id/action
home'}[Here, ChatGPT cannot link “Open Menu” to “Me” but linked to “Home”]
144.{'text': 'Edit Profile', 'clickable': True, 'resource-id': 'com.thirdrock.fivemiles:id/profile edit
profile'}

145.{'text': 'Email', 'clickable': True, 'long-clickable': True, 'resource-id':
'com.contextlogic.home:id/sign in fragment email text'}
146.{'text': 'Password', 'clickable': True, 'long-clickable': True, 'resource-id':
'com.contextlogic.home:id/sign in fragment password text'}
147.{'text': 'Sign In', 'clickable': True, 'resource-id': 'com.contextlogic.home:id/sign in fragment
sign in button'}
148.{'content-desc': 'Open Menu', 'clickable': True}

149.{'text': 'Email', 'clickable': True, 'long-clickable': True, 'resource-id':
'com.contextlogic.geek:id/sign in fragment email text'}
150.{'text': 'Password', 'clickable': True, 'long-clickable': True, 'resource-id':
'com.contextlogic.geek:id/sign in fragment password text'}
151.{'text': 'Sign In', 'clickable': True, 'resource-id': 'com.contextlogic.geek:id/sign in fragment
sign in button'}
152.{'content-desc': 'Open Menu', 'clickable': True}
153.{'text': 'View Profile'}

Notes

154.{'content-desc': 'New note', 'clickable': True, 'resource-id':
'com.moonpi.swiftnotes:id/newNote'}
155.{'text': 'Title', 'clickable': True, 'long-clickable': True, 'resource-id':
'com.moonpi.swiftnotes:id/titleEdit'}
156.{'text': 'Note', 'clickable': True, 'long-clickable': True, 'resource-id':
'com.moonpi.swiftnotes:id/bodyEdit'}
157. There isn't a direct matching widget given the provided target UI hierarchy for this
ImageButton with the content description 转到上一层级.

158.{'content-desc': 'Add', 'clickable': True, 'resource-id': 'chan.android.app.pocketnote:id/notes
menu \$ add'}
159.{'clickable': True, 'long-clickable': True, 'resource-id': 'chan.android.app.pocketnote:id/editor
\$ edittext title'}

160.{'clickable': True, 'long-clickable': True, 'resource-id': 'chan.android.app.pocketnote:id/editor \$ note editor'}

161.{'clickable': True, 'resource-id': 'me.writeily:id/create note'}

162.{'text': '标题', 'clickable': True, 'long-clickable': True, 'resource-id': 'me.writeily:id/edit note title'}

163.{'clickable': True, 'long-clickable': True, 'resource-id': 'me.writeily:id/note content'}

Shopping List

164.{'content-desc': 'New list', 'clickable': True, 'resource-id': 'br.com.activity:id/action add'}

165.{'text': 'e.g. wishlist, family list', 'clickable': True, 'long-clickable': True, 'resource-id': 'org.openintents.shopping:id/edittext'}

166.{'text': '确定', 'clickable': True, 'resource-id': 'android:id/button1'}

167.{'clickable': True, 'resource-id':

'privacyfriendlyshoppinglist.secuso.org.privacyfriendlyshoppinglist:id/fab new list'}

168.{'clickable': True, 'long-clickable': True, 'resource-id':

'privacyfriendlyshoppinglist.secuso.org.privacyfriendlyshoppinglist:id/list name'}

169.{'text': 'OKAY', 'clickable': True, 'resource-id': 'android:id/button1'}

170. Cannot interpret the meaning of image button

171.{'text': 'e.g. wishlist, family list', 'clickable': True, 'long-clickable': True, 'resource-id': 'org.openintents.shopping:id/edittext'}

172.{'text': '确认', 'clickable': True, 'resource-id': 'android:id/button1'}

173.{'clickable': True, 'resource-id': 'pl.com.andrzejgrzyb.shoppinglist:id/fab'}

174.{'text': 'Shopping list name', 'clickable': True, 'long-clickable': True, 'resource-id':

'pl.com.andrzejgrzyb.shoppinglist:id/shoppingListNameEditText'}

175.{'text': 'SAVE', 'clickable': True, 'resource-id':

'pl.com.andrzejgrzyb.shoppinglist:id/addShoppingListButton'}

176.{'clickable': True, 'resource-id':

'privacyfriendlyshoppinglist.secuso.org.privacyfriendlyshoppinglist:id/fab new list'}

177.{'clickable': True, 'long-clickable': True, 'resource-id':

'privacyfriendlyshoppinglist.secuso.org.privacyfriendlyshoppinglist:id/list name'}

178.{'text': 'OKAY', 'clickable': True, 'resource-id': 'android:id/button1'}

