**172/178\*100 = 96.6%**

**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': 'douzifly.list:id/fab add'}

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

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

22.{'text': 'Sample Todo', 'resource-id': 'douzifly.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': 'douzifly.list:id/fab add'}

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

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

83.{'text': 'Sample Todo', 'resource-id': 'douzifly.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': 'douzifly.list:id/fab add'}

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

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

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

95.{'text': 'Sample Todo', 'resource-id': 'douzifly.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'}