

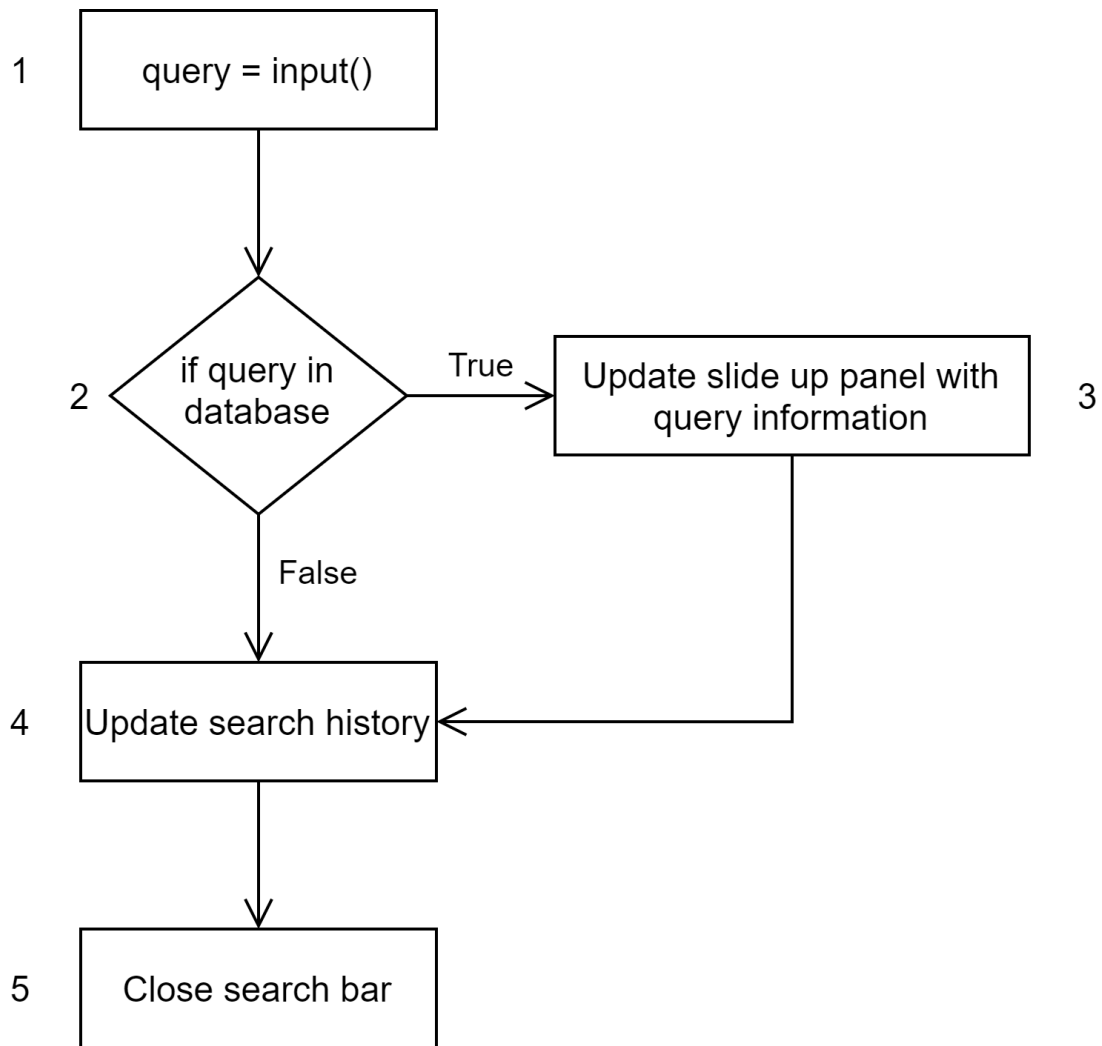
Black-box Testing

Equivalent Class: query matches data in database, includes query strings with random capitalisation sequence

Boundary Value Testing: query not in database

Test Input	Expected Output	Actual Output
Empty("")	<ul style="list-style-type: none">• Search bar closes• Map page shown• Slide-up panel unchanged	<ul style="list-style-type: none">• Search bar closes• Map page shown• Slide-up panel unchanged
'12345'	<ul style="list-style-type: none">• Search bar closes• Map page shown• Slide-up panel unchanged	<ul style="list-style-type: none">• Search bar closes• Map page shown• Slide-up panel unchanged
'pied'	<ul style="list-style-type: none">• Search bar closes• Map page shown• Slide-up panel unchanged	<ul style="list-style-type: none">• Search bar closes• Map page shown• Slide-up panel unchanged
'pIEd'	<ul style="list-style-type: none">• Search bar closes• Map page shown• Slide-up panel unchanged	<ul style="list-style-type: none">• Search bar closes• Map page shown• Slide-up panel unchanged
'Pied ;ingfisher'	<ul style="list-style-type: none">• Search bar closes• Map page shown• Slide-up panel unchanged	<ul style="list-style-type: none">• Search bar closes• Map page shown• Slide-up panel unchanged
'Javan Mynah'	<ul style="list-style-type: none">• Search bar closes• Map page shown• Slide-up panel unchanged	<ul style="list-style-type: none">• Search bar closes• Map page shown• Slide-up panel unchanged
'Pied Kingfisher'	<ul style="list-style-type: none">• Search bar closes• Slide-up panel shows Pied Kingfisher information	<ul style="list-style-type: none">• Search bar closes• Slide-up panel shows Pied Kingfisher information
'pleD kInGfIsHeR'	<ul style="list-style-type: none">• Search bar closes• Slide-up panel shows Pied Kingfisher information	<ul style="list-style-type: none">• Search bar closes• Slide-up panel shows Pied Kingfisher information
'PIED KINGFISHER'	<ul style="list-style-type: none">• Search bar closes• Slide-up panel shows Pied Kingfisher information	<ul style="list-style-type: none">• Search bar closes• Slide-up panel shows Pied Kingfisher information
'pied kingfisher'	<ul style="list-style-type: none">• Search bar closes• Slide-up panel shows Pied Kingfisher information	<ul style="list-style-type: none">• Search bar closes• Slide-up panel shows Pied Kingfisher information

White Box Testing: Basis Path Testing



Set of basis paths:

- I. 1, 2, 4, 5
- II. 1, 2, 3, 4, 5

Set of test cases:

- I. "Javan mynah"
- II. "Pied Kingfisher"

Test Cases	Test Path	Expected Output	Actual Output
"Javan mynah"	1, 2, 4, 5	<ul style="list-style-type: none"> • Search bar closes • Map page shown • Slide-up panel unchanged 	<ul style="list-style-type: none"> • Search bar closes • Map page shown • Slide-up panel unchanged
"Pied Kingfisher"	1, 2, 3, 4, 5	<ul style="list-style-type: none"> • Search bar closes • Slide-up panel shows Pied Kingfisher information 	<ul style="list-style-type: none"> • Search bar closes • Slide-up panel shows Pied Kingfisher information