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(base) 56:aa:59:20:96:d5:Group-37-CH nasreen$ coverage report -m
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Name	Stmts	Miss	Cover	Missing
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app/app.py	11	2	82%	11, 14
app/bootstrap_db.py	13	1	92%	24
app/flightSearch.py	36	0	100%	
app/test_db.py	6	0	100%	
app/test_flightSearchUnitTests.py	28	0	100%	
app/test_viewFlightsUnitTests.py	21	0	100%	
app/viewFlights.py	30	1	97%	42
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TOTAL	145	4	97%	

app.py: The lines missing are “return render_template('index.html', user="0001")” and “app.run(debug=True)”. The former was missed because the tests only cover flightSearch and viewFlights, so the index route is never actually accessed during the tests, so this line doesn’t get executed. The latter was missed because that line is only executed when the script is run directly, not when it’s imported as a module (ex. in tests).

bootstrap_db.py: The line missing in bootstrap_db.py is the one that calls the bootstrap function if the app is loaded as main. This is not covered because the test that runs the function imports it as a module to run the function in a test. All of the actual functionality is covered by the test case however.

flightSearch.py: No statements were missed.

test_db.py: No statements were missed.

test_flightSearchUnitTests.py: No statements were missed.

test_viewFlightUnitTests.py: No statements were missed.

viewFlights.py: The line that is missed in viewFlights.py is the else statement that returns nothing if the flight information is not found in the function get_flight_info(). This path is not hit because the only way that it would be hit is that there is a faulty entry in the database that does not conform to our data model. More specifically, there would have to be a flight in the user’s

flight list that does not have a valid flight ID (fid). This would then result in no flight being found, and the code returning None (and not displaying the flight's information).