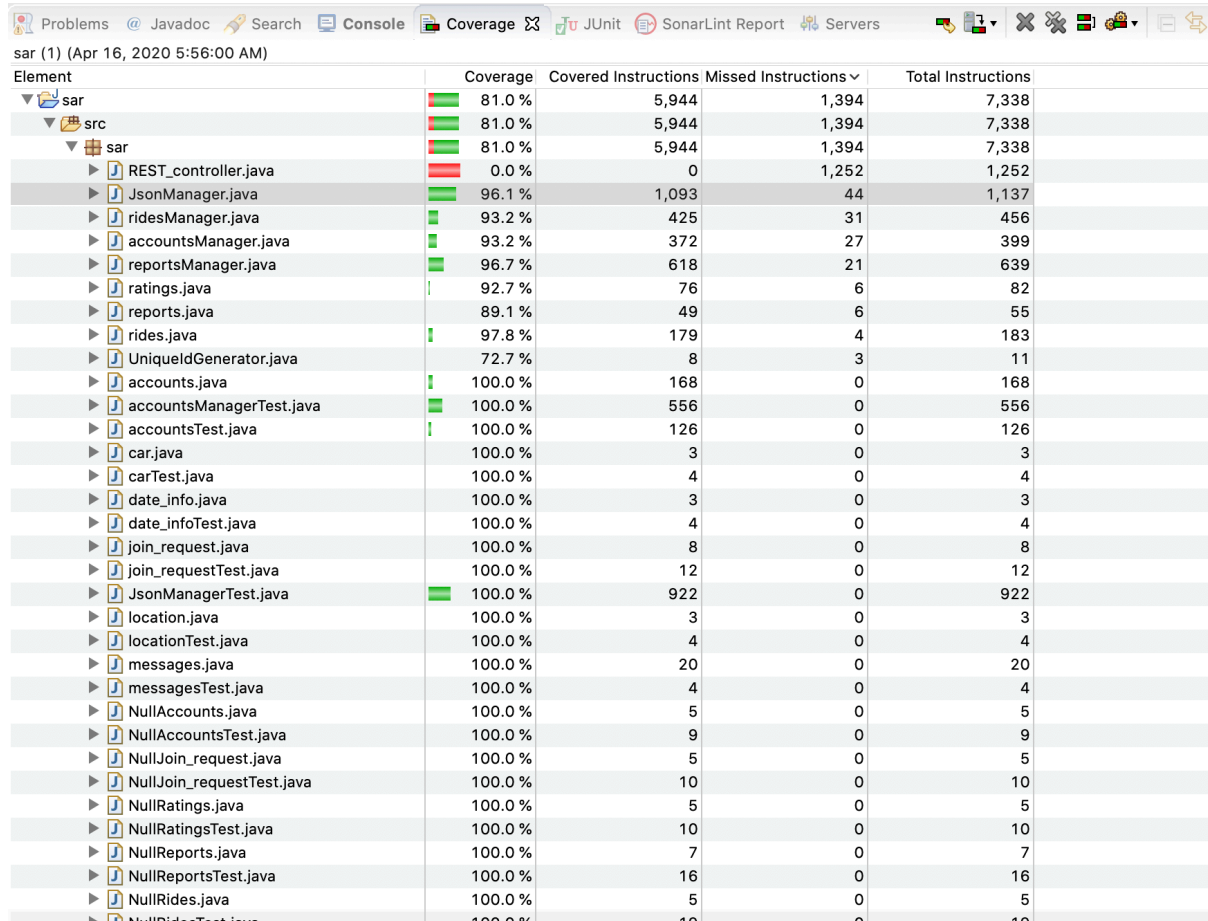


Memo for Project in CS445

1. The most difficult part for this project is to learn how to write the rest api in java and how to test this by postman with scripts.
2. All the parts in this project is completed.
3. Statistics about my code
 - 1) Lines of Code: 2176
 - 2) Lines of Code in unit test: 1819
 - 3) Unit Test Coverage: 81% (did not test Rest_controller.java which is light and do not need to test it as professor said in Q&A about this project. Some setters and getters were not tested which don't need to be tested as professor said. That's why it doesn't cover 100%)



Element	Coverage	Covered Instructions	Missed Instructions	Total Instructions
sar	81.0 %	5,944	1,394	7,338
src	81.0 %	5,944	1,394	7,338
REST_controller.java	0.0 %	0	1,252	1,252
JsonManager.java	96.1 %	1,093	44	1,137
ridesManager.java	93.2 %	425	31	456
accountsManager.java	93.2 %	372	27	399
reportsManager.java	96.7 %	618	21	639
ratings.java	92.7 %	76	6	82
reports.java	89.1 %	49	6	55
rides.java	97.8 %	179	4	183
UniqueldGenerator.java	72.7 %	8	3	11
accounts.java	100.0 %	168	0	168
accountsManagerTest.java	100.0 %	556	0	556
accountsTest.java	100.0 %	126	0	126
car.java	100.0 %	3	0	3
carTest.java	100.0 %	4	0	4
date_info.java	100.0 %	3	0	3
date_infoTest.java	100.0 %	4	0	4
join_request.java	100.0 %	8	0	8
join_requestTest.java	100.0 %	12	0	12
JsonManagerTest.java	100.0 %	922	0	922
location.java	100.0 %	3	0	3
locationTest.java	100.0 %	4	0	4
messages.java	100.0 %	20	0	20
messagesTest.java	100.0 %	4	0	4
NullAccounts.java	100.0 %	5	0	5
NullAccountsTest.java	100.0 %	9	0	9
NullJoin_request.java	100.0 %	5	0	5
NullJoin_requestTest.java	100.0 %	10	0	10
NullRatings.java	100.0 %	5	0	5
NullRatingsTest.java	100.0 %	10	0	10
NullReports.java	100.0 %	7	0	7
NullReportsTest.java	100.0 %	16	0	16
NullRides.java	100.0 %	5	0	5

4. Cyclomatic Complexity for my code: reportsManager::search4 CC (Cyclomatic Complexity)=14, ridesManager::search1 CC= 12, other functions CC<11;