IntelliConsult

Software Engineering - (IT314)
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Group 1

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Unit Testing (Backend):

```
   Test Files  10 passed (10)
        Tests  430 passed (430)
     Start at  01:41:29
     Duration  28.06s (transform 247ms, setup 0ms, collect 2.49s, tests 24.38s, environme
nt 1ms, prepare 100ms)

 % Coverage report from v8
------------------|---------|----------|---------|---------|-----------------------------
File              | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
------------------|---------|----------|---------|---------|-----------------------------
All files         |   98.19 |    91.45 |     100 |   98.46 |
 SummaryRoutes.js |     100 |       90 |     100 |     100 | 13,21-24,32,43
 admin.js         |     100 |       90 |     100 |     100 | 236,292-347
 appointments.js  |   95.65 |    84.21 |     100 |   95.59 | 71-74,116,128-129
 auth.js          |    96.4 |    89.09 |     100 |    98.5 | 294-295
 doctors.js       |     100 |      100 |     100 |     100 |
 prescriptions.js |   97.87 |    91.91 |     100 |   97.82 | 115,180,452,467
 reviews.js       |      95 |       90 |     100 |   94.87 | 12-16
 schedule.js      |     100 |      100 |     100 |     100 |
 triageRoutes.js  |     100 |    92.18 |     100 |     100 | 51,58-60,67,91
 user.js          |     100 |      100 |     100 |     100 |
------------------|---------|----------|---------|---------|-----------------------------
```

All files

98.82% Statements 1005/1017   **91.71%** Branches 487/531   **100%** Functions 77/77   **99.09%** Lines 986/995

Press *n* or *j* to go to the next uncovered block, *b*, *p* or *k* for the previous block.

Filter: 🔍

File ▲		Statements ⇕		Branches ⇕		Functions ⇕		Lines ⇕	
SummaryRoutes.js		98.46%	64/65	83.05%	49/59	100%	10/10	98.38%	61/62
admin.js		100%	127/127	90%	36/40	100%	8/8	100%	127/127
appointments.js		100%	161/161	92.5%	74/80	100%	10/10	100%	159/159
auth.js		96.4%	134/139	89.09%	49/55	100%	8/8	98.5%	132/134
doctors.js		100%	103/103	100%	38/38	100%	12/12	100%	98/98
prescriptions.js		97.87%	184/188	91.91%	125/136	100%	10/10	97.82%	180/184
reviews.js		95%	38/40	90%	9/10	100%	4/4	94.87%	37/39
schedule.js		100%	58/58	100%	24/24	100%	5/5	100%	58/58
triageRoutes.js		100%	53/53	90.76%	59/65	100%	4/4	100%	53/53
user.js		100%	83/83	100%	24/24	100%	6/6	100%	81/81

Mutation Testing (Backend):

```
Ran 12.50 tests per mutant on average.
----------------------------------------------------------------------------------------------------------------------
               | % Mutation score |          |           |            |          |           |
File           | total  | covered | # killed | # timeout | # survived | # no cov | # errors  |
----------------------------------------------------------------------------------------------------------------------
All files      |  75.53 |  76.96  |   1574   |     3     |    472     |    39    |     0     |
 admin.js      |  90.43 |  90.43  |    208   |     0     |     22     |     0    |     0     |
 appointments.js| 73.51 |  73.95  |    244   |     3     |     87     |     2    |     0     |
 auth.js       |  81.17 |  83.62  |    194   |     0     |     38     |     7    |     0     |
 doctors.js    |  88.44 |  88.44  |    176   |     0     |     23     |     0    |     0     |
 prescriptions.js| 55.74 | 57.46  |    262   |     0     |    194     |    14    |     0     |
 reviews.js    |  87.50 |  90.74  |     49   |     0     |      5     |     2    |     0     |
 schedule.js   | 100.00 | 100.00  |    104   |     0     |      0     |     0    |     0     |
 SummaryRoutes.js| 49.69| 52.29   |     80   |     0     |     73     |     8    |     0     |
 triageRoutes.js| 82.35 | 85.37   |    140   |     0     |     24     |     6    |     0     |
 user.js       |  95.12 |  95.12  |    117   |     0     |      6     |     0    |     0     |
----------------------------------------------------------------------------------------------------------------------
```

All files

Mutants | Tests

All files

1577 | 472 | 39

File / Directory	Mutation Score		Killed	Survived	Timeout	No coverage	Ignored	Runtime errors	Compile errors	Detected	Undetected	Total
	Of total	Of covered										
All files	75.53	76.96	1574	472	3	39	0	0	0	1577	511	2088
admin.js	90.43	90.43	208	22	0	0	0	0	0	208	22	230
appointments.js	73.51	73.95	244	87	3	2	0	0	0	247	89	336
auth.js	81.17	83.62	194	38	0	7	0	0	0	194	45	239
doctors.js	88.44	88.44	176	23	0	0	0	0	0	176	23	199
prescriptions.js	55.74	57.46	262	194	0	14	0	0	0	262	208	470
reviews.js	87.50	90.74	49	5	0	2	0	0	0	49	7	56
schedule.js	100.00	100.00	104	0	0	0	0	0	0	104	0	104
SummaryRoutes.js	49.69	52.29	80	73	0	8	0	0	0	80	81	161
triageRoutes.js	82.35	85.37	140	24	0	6	0	0	0	140	30	170
user.js	95.12	95.12	117	6	0	0	0	0	0	117	6	123