



IntelliConsult

**Software Engineering - (IT314)
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Group 1

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Common Pages(accessible to all)

1) LandingPage.jsx

Tests ran:

- LandingPage handles malformed token structure gracefully
- LandingPage renders the Logo with correct accessibility attributes
- LandingPage applies correct styling classes to the internal ManualButton component
- and 30 more tests!

Ran 5.97 tests per mutant on average.

File	% Mutation score		# killed	# timeout	# survived	# no cov	# errors
	total	covered					
All files	86.16	87.26	77	60	20	2	0
LandingPage.jsx	86.16	87.26	77	60	20	2	0

2) HelpCenter.jsx

All tests/HelpCenter.test.jsx

- ✓ HelpCenterPage renders the initial layout correctly (killed 1)
- ✓ HelpCenterPage shows the "Start Chat" button initially (killed 2)
- ✓ HelpCenterPage opens the Chatbot component when "Start Chat" is clicked (killed 2)

Ran 1.80 tests per mutant on average.

File	% Mutation score		# killed	# timeout	# survived	# no cov	# errors
	total	covered					
All files	100.00	100.00	5	0	0	0	0
HelpCenter.jsx	100.00	100.00	5	0	0	0	0

3) ForgotPasswordPage.jsx

Tests ran:

- ForgotPasswordPage displays loading state and disables button while submitting
- ForgotPasswordPage hides the input form after a successful submission
- ForgotPasswordPage renders the "Sign in" link with the correct URL
- and 15 more tests!

Ran 4.98 tests per mutant on average.

File	% Mutation score		# killed	# timeout	# survived	# no cov	# errors
	total	covered					
All files	82.22	82.22	37	0	8	0	0
ForgotPasswordPage.jsx	82.22	82.22	37	0	8	0	0

4) LoginPage.jsx

Tests ran:

LoginPage renders the login form correctly
LoginPage handles input changes
LoginPage toggles password visibility
and 21 more tests!

Ran 4.37 tests per mutant on average.

File	% Mutation score		# killed	# timeout	# survived	# no cov	# errors
	total	covered					
All files	83.33	85.71	83	7	15	3	0
LoginPage.jsx	83.33	85.71	83	7	15	3	0

5) SignUpPage.jsx

Ran all tests for this mutant.

Ran 5.48 tests per mutant on average.

File	% Mutation score		# killed	# timeout	# survived	# no cov	# errors
	total	covered					
All files	88.37	88.37	75	1	10	0	0
SignupPage.jsx	88.37	88.37	75	1	10	0	0

6) ResetPasswordPage.jsx

Tests ran:

ResetPasswordPage renders initial form with empty password fields and no messages
ResetPasswordPage shows mismatch error when passwords differ
ResetPasswordPage shows regex validation error for weak password
and 8 more tests!

Ran 4.08 tests per mutant on average.

File	% Mutation score		# killed	# timeout	# survived	# no cov	# errors
	total	covered					
All files	81.58	81.58	62	0	14	0	0
ResetPasswordPage.jsx	81.58	81.58	62	0	14	0	0

Patient side

7) PatientDashboard.jsx

Tests ran:

PatientDashboard renders dashboard content successfully with patient data
PatientDashboard handles canceling an appointment
PatientDashboard handles cancel appointment failure
and 17 more tests!

Ran 7.33 tests per mutant on average.

File	% Mutation score		# killed	# timeout	# survived	# no cov	# errors
	total	covered					
All files	80.72	85.90	134	0	22	10	0
PatientDashboard.jsx	80.72	85.90	134	0	22	10	0

9) VideoCallPage.jsx

Tests ran:

VideoCallPage renders the video container
VideoCallPage initializes ZegoUIKit with correct parameters
VideoCallPage handles Doctor leaving the room (Completes Appointment)
and 6 more tests!

Ran 2.97 tests per mutant on average.

File	% Mutation score		# killed	# timeout	# survived	# no cov	# errors
	total	covered					
All files	81.82	81.82	54	0	12	0	0
VideoCallPage.jsx	81.82	81.82	54	0	12	0	0

10) CompleteProfilePage.jsx

Tests ran:

CompleteProfilePage redirects to /login if no token is found on mount
CompleteProfilePage fetches and displays user info on mount
CompleteProfilePage handles profile fetch failure
and 21 more tests!

Ran 5.50 tests per mutant on average.

File	% Mutation score		# killed	# timeout	# survived	# no cov	# errors
	total	covered					
All files	89.26	89.26	108	0	13	0	0
CompleteProfilePage.jsx	89.26	89.26	108	0	13	0	0

11) DoctorsReviewPage.jsx

Tests ran:

DoctorReviewsPage shows loading state initially
DoctorReviewsPage renders error state when fetch fails
DoctorReviewsPage renders doctor info and reviews list on success
and 9 more tests!

Ran 2.92 tests per mutant on average.

File	% Mutation score		# killed	# timeout	# survived	# no cov	# errors
	total	covered					
All files	96.08	96.08	49	0	2	0	0
DoctorReviewsPage.jsx	96.08	96.08	49	0	2	0	0

03:18:01 (1508) INFO HtmlReporter Your report can be found at: file:///C:/Users/Dell/OneDrive/Desktop/p2/Smart_Healthcare_Appointment_And_Triage_System/client/reports/mutation/mutation.html

03:18:01 (1508) INFO MutationTestExecutor Done in 48 seconds.

12) PatientPrescriptionView.jsx

Ran all tests for this mutant.

Ran 4.91 tests per mutant on average.

File	% Mutation score		# killed	# timeout	# survived	# no cov	# errors
	total	covered					
All files	86.87	86.87	86	0	13	0	0
PatientPrescriptionView.jsx	86.87	86.87	86	0	13	0	0

13) AuthCallback.jsx

Tests ran:

AuthCallback renders loading state initially
AuthCallback stores token in localStorage and navigates to patient dashboard when token is provided without nextPath
AuthCallback stores token and navigates to decoded nextPath when both token and nextPath are provided
and 8 more tests!

Ran 2.39 tests per mutant on average.

File	% Mutation score		# killed	# timeout	# survived	# no cov	# errors
	total	covered					
All files	95.65	95.65	22	0	1	0	0
AuthCallback.jsx	95.65	95.65	22	0	1	0	0

14) BookAppointmentPage.jsx

```
Tests ran:
  BookAppointmentPage handles "Confirm Booking" (payment) flow success
  BookAppointmentPage handles payment initiation failure
  BookAppointmentPage handles payment verification failure (API reject)
  and 1 more test!

Ran 1.82 tests per mutant on average.
-----|-----|-----|-----|-----|-----|-----|
File      | % Mutation score |   # killed   | # timeout | # survived | # no cov | # errors |
-----|-----|-----|-----|-----|-----|-----|
All files | 87.22 | 95.27 | 223 | 200 | 21 | 41 | 0 |
BookAppointmentPage.jsx | 87.22 | 95.27 | 223 | 200 | 21 | 41 | 0 |
-----|-----|-----|-----|-----|-----|-----|
05:51:04 (18392) INFO HtmlReporter Your report can be found at: file:///C:/Users/Dell/OneDrive/Desktop/p2/Smart_Healthcare_Appointment_And_Triage_System/client/reports/mutation/mutation.html
05:51:04 (18392) INFO MutationTestExecutor Done in 15 minutes 19 seconds.
```

DoctorSide

15) DoctorUpdateProfile.jsx

```
Ran 7.81 tests per mutant on average.
-----|-----|-----|-----|-----|-----|-----|
File      | % Mutation score |   # killed   | # timeout | # survived | # no cov | # errors |
-----|-----|-----|-----|-----|-----|-----|
All files | 85.92 | 85.92 | 122 | 0 | 20 | 0 | 0 |
DoctorUpdateProfile.jsx | 85.92 | 85.92 | 122 | 0 | 20 | 0 | 0 |
-----|-----|-----|-----|-----|-----|-----|
```

16) PrescriptionPage.jsx

```
src/pages/PrescriptionPage.jsx:263:91
-   const patientName = appointment.patient?.fullName || appointment.patientNameForVisit || 'Patient';
+   const patientName = appointment.patient?.fullName || appointment.patientNameForVisit || "";
Tests ran:
  PrescriptionPage patient name falls back to 'Patient' when missing

Ran 1.31 tests per mutant on average.
```

File	% Mutation score		# killed	# timeout	# survived	# no cov	# errors
	total	covered					
All files	83.09	91.62	161	178	31	38	0
PrescriptionPage.jsx	83.09	91.62	161	178	31	38	0

```
04:31:09 (27008) INFO HtmlReporter Your report can be found at: file:///C:/Users/Dell/OneDrive/Desktop/p2/Smart_Healthcare_Appointment_And_Triage_System/client/reports/mutation/mutation.html
04:31:09 (27008) INFO MutationTestExecutor Done in 11 minutes 31 seconds.
```

17) EarningPage.jsx

```
Tests ran:
  DoctorEarningsPage handles missing recentTransactions field gracefully

Ran 2.86 tests per mutant on average.
```

File	% Mutation score		# killed	# timeout	# survived	# no cov	# errors
	total	covered					
All files	83.00	83.00	83	0	17	0	0
EarningPage.jsx	83.00	83.00	83	0	17	0	0

```
06:58:52 (20888) INFO HtmlReporter Your report can be found at: file:///C:/Users/Dell/OneDrive/Desktop/p2/Smart_Healthcare_Appointment_And_Triage_System/client/reports/mutation/mutation.html
06:58:52 (20888) INFO MutationTestExecutor Done in 1 minute 16 seconds.
```

Admin Side

18) DoctorProfileAdmin.jsx

Ran 1.91 tests per mutant on average.

File	% Mutation score		# killed	# timeout	# survived	# no cov	# errors
	total	covered					
All files	93.75	93.75	30	0	2	0	0
DoctorProfileAdmin.jsx	93.75	93.75	30	0	2	0	0

19) AdminAppointmentPage.jsx

Ran 2.33 tests per mutant on average.

File	% Mutation score		# killed	# timeout	# survived	# no cov	# errors
	total	covered					
All files	86.27	86.27	88	0	14	0	73
AdminAppointmentsPage.jsx	86.27	86.27	88	0	14	0	73

00:39:22 (27028) INFO HtmlReporter Your report can be found at: file:///D:/Teting%20jest/Smart_Healthcare_Appointment_And_Triage_System/client/reports/mutation/mutation.html
00:39:22 (27028) INFO MutationTestExecutor Done in 1 minute and 58 seconds.

20) AdminDashboard.jsx

Ran 3.41 tests per mutant on average.

File	% Mutation score		# killed	# timeout	# survived	# no cov	# errors
	total	covered					
All files	88.24	88.58	225	0	29	1	148
AdminDashboard.jsx	88.24	88.58	225	0	29	1	148

23:29:04 (18128) INFO HtmlReporter Your report can be found at: file:///D:/Teting%20jest/Smart_Healthcare_Appointment_And_Triage_System/client/reports/mutation/mutation.html
23:29:04 (18128) INFO MutationTestExecutor Done in 7 minutes and 47 seconds.

21) AdminDoctorProfilePage.jsx

```
Tests ran:
  AdminDoctorProfilePage handles null/undefined values from API gracefully
  AdminDoctorProfilePage renders avatar initials correctly from full name
  AdminDoctorProfilePage displays default avatar when profilePicture is missing
  and 9 more tests!

Ran 4.99 tests per mutant on average.
```

	% Mutation score							
File	total	covered	# killed	# timeout	# survived	# no cov	# errors	
All files	82.93	82.93	68	0	14	0	0	
AdminDoctorProfilePage.jsx	82.93	82.93	68	0	14	0	0	