

Mutation Testing

1. All files

Mutants Tests

All files

1337 571

File / Directory	Mutation Score		Killed	Survived	Timeout	No coverage	Ignored	Runtime errors	Compile errors	Detected	Undetected	Total
	Of total	Of covered										
All files	🟡 70.07	🟡 70.07	1337	571	0	0	0	1	0	1337	571	1909
controllers	🟡 67.77	🟡 67.77	1127	536	0	0	0	1	0	1127	536	1664
middlewares	🟢 93.55	🟢 93.55	29	2	0	0	0	0	0	29	2	31
utils	🟢 84.58	🟢 84.58	181	33	0	0	0	0	0	181	33	214

2. Controllers

1337 571

File / Directory	Mutation Score		Killed	Survived	Timeout	No coverage	Ignored	Runtime errors	Compile errors	Detected	Undetected	Total
	Of total	Of covered										
controllers	🟡 67.77	🟡 67.77	1127	536	0	0	0	1	0	1127	536	1664
JS Auth.js	🟡 74.77	🟡 74.77	246	83	0	0	0	0	0	246	83	329
JS ChatController.js	🟢 80.61	🟢 80.61	79	19	0	0	0	0	0	79	19	98
JS CodeController.js	🟡 60.27	🟡 60.27	44	29	0	0	0	0	0	44	29	73
JS oAuthController.js	🔴 54.65	🔴 54.65	94	78	0	0	0	0	0	94	78	172
JS Roadmap.js	🟡 75.57	🟡 75.57	331	107	0	0	0	0	0	331	107	438
JS S3Controller.js	🟡 69.01	🟡 69.01	196	88	0	0	0	1	0	196	88	285
JS UserController.js	🔴 50.93	🔴 50.93	137	132	0	0	0	0	0	137	132	269

3. middlewares

Mutants Tests 

All files / middlewares 

1337		571											
File / Directory 	Mutation Score		Killed	Survived	Timeout	No coverage	Ignored	Runtime errors	Compile errors	Detected	Undetected	Total	
	Of total	Of covered											
 middlewares	 93.55	 93.55	29	2	0	0	0	0	0	29	2	31	
 userAuth.js	 100.00	 100.00	19	0	0	0	0	0	0	19	0	19	
 validate.js	 83.33	 83.33	10	2	0	0	0	0	0	10	2	12	

4. Utils

File / Directory 	Mutation Score		Killed	Survived	Timeout	No coverage	Ignored	Runtime errors	Compile errors	Detected	Undetected	Total 
	Of total	Of covered										
 utils	 84.58	 84.58	181	33	0	0	0	0	0	181	33	214
 cloudinary.js	 60.00	 60.00	3	2	0	0	0	0	0	3	2	5
 emailTemplates.js	 100.00	 100.00	8	0	0	0	0	0	0	8	0	8
 generate.js	 75.00	 75.00	6	2	0	0	0	0	0	6	2	8
 mapping.js	 100.00	 100.00	21	0	0	0	0	0	0	21	0	21
 prompt.js	 89.09	 89.09	49	6	0	0	0	0	0	49	6	55
 schemaHelpers.js	 100.00	 100.00	22	0	0	0	0	0	0	22	0	22
 search.js	 66.18	 66.18	45	23	0	0	0	0	0	45	23	68
 urlHelpers.js	 100.00	 100.00	27	0	0	0	0	0	0	27	0	27

