

EventHub

Group - 2

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Test Plan and Test Cases (Due: 06-Nov-2025)

- Unit and integration tests
- Populating DB with meaningful records.
- UI testing (if applicable)
- Bug log (if applicable)

```
FAIL | tests/users.test.js (78.771 s)
  ● User Controller Tests › PUT /api/users/profile › Should reject profile update with invalid fields

    expected 400 "Bad Request", got 200 "OK"

    286 |           password: 'newpassword',
    287 |         })
  > 288 |       .expect(400);
    |
    289 |
    290 |       expect(response.body.success).toBe(false);
    291 |     });

  at Object.expect (tests/users.test.js:288:10)
  ---
  at Test._assertStatus (node_modules/supertest/lib/test.js:252:14)
  at node_modules/supertest/lib/test.js:308:13
  at Test._assertFunction (node_modules/supertest/lib/test.js:285:13)
  at Test.assert (node_modules/supertest/lib/test.js:164:23)
  at Server.localAssert (node_modules/supertest/lib/test.js:120:14)

FAIL | tests/reviews.test.js (77.779 s)
  ● Review Controller Tests › POST /api/reviews › Should create review with valid data

    expected 201 "Created", got 400 "Bad Request"

    85 |           .set('Authorization', `Bearer ${attendeeToken}`)
    86 |           .send(reviewData)
  > 87 |           .expect(201);
    |
    88 |
    89 |           expect(response.body.success).toBe(true);
    90 |           expect(response.body.review._id).toBeDefined();

  at Object.expect (tests/reviews.test.js:87:10)
  ---
  at Test._assertStatus (node_modules/supertest/lib/test.js:252:14)
```

```
● Review Controller Tests › POST /api/reviews › Should reject duplicate review from same user
expect(received).toContain(expected) // indexOf

Expected substring: "already reviewed"
Received string:    "Booking not found or not confirmed"

175 |
176 |     expect(response.body.success).toBe(false);
> 177 |     expect(response.body.message).toContain('already reviewed');
|           ^
178 |   });
179 | });
180 |

at Object.toContain (tests/reviews.test.js:177:37)

● Review Controller Tests › DELETE /api/reviews/:reviewId › Should reject review deletion by non-owner
expected 404 "Not Found", got 401 "Unauthorized"

330 |     .delete(`/api/reviews/${reviewId}`)
331 |     .set('Authorization', `Bearer ${newToken}`)
> 332 |     .expect(404);
|           ^
333 |
334 |     expect(response.body.success).toBe(false);
335 | });

at Object.expect (tests/reviews.test.js:332:10)
----
at Test._assertStatus (node_modules/supertest/lib/test.js:252:14)
at node_modules/supertest/lib/test.js:308:13
at Test._assertFunction (node_modules/supertest/lib/test.js:285:13)
at Test.assert (node_modules/supertest/lib/test.js:164:23)
at Server.localAssert (node_modules/supertest/lib/test.js:120:14)
```

```
PS C:\sem 3\WebSerSOA\EventHub\backend> npm test
FAIL  tests/bookings.test.js (48.558 s)
  • Booking Controller Tests › GET /api/bookings/:id › Should reject unauthorized access to booking

    expected 403 "Forbidden", got 401 "Unauthorized"

    271 |       .get(` /api/bookings/${bookingId}`) 
    272 |         .set('Authorization', `Bearer ${newToken}`)
    > 273 |         .expect(403);
        ^
    274 |
    275 |           expect(response.body.success).toBe(false);
    276 |     });

  at Object.expect (tests/bookings.test.js:273:10)
  ----
  at Test._assertStatus (node_modules/supertest/lib/test.js:252:14)
  at node_modules/supertest/lib/test.js:308:13
  at Test._assertFunction (node_modules/supertest/lib/test.js:285:13)
  at Test.assert (node_modules/supertest/lib/test.js:164:23)
  at Server.localAssert (node_modules/supertest/lib/test.js:120:14)

  • Booking Controller Tests › PUT /api/bookings/:id/cancel › Should reject unauthorized cancellation

    expected 403 "Forbidden", got 401 "Unauthorized"

    336 |       .put(` /api/bookings/${bookingId}/cancel`)
    337 |         .set('Authorization', `Bearer ${newToken}`)
    > 338 |         .expect(403);
        ^
    339 |
    340 |           expect(response.body.success).toBe(false);
    341 |     };

  at Object.expect (tests/bookings.test.js:338:10)
  ----
  at Test._assertStatus (node_modules/supertest/lib/test.js:252:14)
  at node_modules/supertest/lib/test.js:308:13
  at Test._assertFunction (node_modules/supertest/lib/test.js:285:13)
  at Test.assert (node_modules/supertest/lib/test.js:164:23)
  at Server.localAssert (node_modules/supertest/lib/test.js:120:14)

FAIL  tests/events.test.js (63.631 s)
```

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```
PS C:\sem 3\WebSerSOA\EventHub\backend> npm test
● Event Controller Tests > DELETE /api/events/:id > Should delete event as organizer

expected 200 "OK", got 400 "Bad Request"

      359 |         .delete(`/api/events/${eventId}`)
  360 |         .set('Authorization', `Bearer ${organizerToken}`)
> 361 |         .expect(200);
    ^
  362 |
  363 |         expect(response.body.success).toBe(true);
  364 |     });

at object.expect (tests/events.test.js:361:10)
-----
at Test._assertStatus (node_modules/supertest/lib/test.js:252:14)
at node_modules/supertest/lib/test.js:308:13
at Test._assertFunction (node_modules/supertest/lib/test.js:285:13)
at Test.assert (node_modules/supertest/lib/test.js:164:23)
at Server.localAssert (node_modules/supertest/lib/test.js:120:14)

FAIL tests/payments.test.js (34.71 s)
● Payment Controller Tests > POST /api/payments/create-order > Should reject order without email

expected 400 "Bad Request", got 200 "OK"

      210 |         paymentMethod: 'razorpay',
  211 |         })
> 212 |         .expect(400);
    ^
  213 |
  214 |         expect(response.body.success).toBe(false);
  215 |     });

at object.expect (tests/payments.test.js:212:10)
-----
at Test._assertStatus (node_modules/supertest/lib/test.js:252:14)
at node_modules/supertest/lib/test.js:308:13
at Test._assertFunction (node_modules/supertest/lib/test.js:285:13)
at Test.assert (node_modules/supertest/lib/test.js:164:23)
at Server.localAssert (node_modules/supertest/lib/test.js:120:14)
```

```

FAIL tests/auth.test.js (39.4 s)
● Auth Controller Tests › POST /api/auth/register › Should register a new user successfully

expected 201 "Created", got 400 "Bad Request"

  58 |       .post('/api/auth/register')
  59 |         .send(newUser)
  > 60 |         .expect(201);
      ^
  61 |
  62 |           expect(response.body.success).toBe(true);
  63 |           expect(response.body.userId).toBeDefined();

  at object.expect (tests/auth.test.js:60:10)
  ---
  at Test._assertStatus (node_modules/supertest/lib/test.js:252:14)
  at node_modules/supertest/lib/test.js:308:13
  at Test._assertFunction (node_modules/supertest/lib/test.js:285:13)
  at Test.assert (node_modules/supertest/lib/test.js:164:23)
  at Server.localAssert (node_modules/supertest/lib/test.js:120:14)

● Auth Controller Tests › POST /api/auth/register › Should not register if email already exists

expect(received).toContain(expected) // indexOf

Expected substring: "already exists"
Received string:    "Validation errors"

  78 |       expect(response.body.success).toBe(false);
  79 |         expect(response.body.message).toContain('already exists');
      ^
  80 |           ^
  81 |     });
  82 |
  83 |     test('should validate required fields', async () => {

  at object.toContain (tests/auth.test.js:80:37)

● Auth Controller Tests › PUT /api/auth/change-password › Should change password with correct current password

```

```

● Auth Controller Tests › PUT /api/auth/change-password › Should change password with correct current password

expected 200 "OK", got 400 "Bad Request"

  310 |       newPassword: 'newpassword123',
  311 |     })
  > 312 |     .expect(200);
      ^
  313 |
  314 |       expect(response.body.success).toBe(true);
  315 |     });

  at object.expect (tests/auth.test.js:312:10)
  ---
  at Test._assertStatus (node_modules/supertest/lib/test.js:252:14)
  at node_modules/supertest/lib/test.js:308:13
  at Test._assertFunction (node_modules/supertest/lib/test.js:285:13)
  at Test.assert (node_modules/supertest/lib/test.js:164:23)
  at Server.localAssert (node_modules/supertest/lib/test.js:120:14)

```

File	% Stmt	% Branch	% Func	% Lines	Uncovered Line #s
All files	70.62	51.46	79.76	70.4	
controllers	63.93	48.8	75	63.57	
authController.js	33.66	27.77	42.1	33.66	...6,229-230,265-266,298-299,346-347,357-384,394-449,459-487,497-524,534-551,561-583,593-620,630-655
bookingController.js	81.44	57.14	100	81.25	22,35,121-122,161-162,192,203-204,226,246,276-277,291,299,309,333-334
eventController.js	60.58	45.07	78.26	59.87	...5-146,194-195,209,220,228-232,255,258-263,271-272,297,315-323,343,380-381,411-412,422-478,488-544
paymentController.js	86.84	65.62	100	86.48	24,34,42,68,136-137,165,198-202
reviewController.js	73.93	54.34	90	73.91	...2,176-177,220-221,242,267-268,288,305-306,330,351-352,369,385-386,402,410,434-435,445-475,504-510
userController.js	80.85	66.07	100	80.64	11,69-70,85,127-128,143,185-186,232-233,251,271-272,308-309,403-404
middleware	86.27	71.42	100	86.27	
auth.js	81.57	69.23	100	81.57	24,57,74-82,93
validation.js	100	100	100	100	
models	97.46	81.81	100	97.4	
Booking.js	94.44	50	100	94.11	167
Event.js	96.96	83.33	100	96.87	240
PaymentOrder.js	100	100	100	100	
Review.js	100	100	100	100	
User.js	100	100	100	100	
routes	100	100	100	100	
auth.js	100	100	100	100	
bookings.js	100	100	100	100	
events.js	100	100	100	100	
paymentRoutes.js	100	100	100	100	
reviews.js	100	100	100	100	
users.js	100	100	100	100	

at Server.localAssert (node_modules/supertest/lib/test.js:120:14)

reviewController.js	73.93	54.34	90	73.91	...2,176-177,220-221,242,267-268,288,305-306,330,351-352,369,385-386,402,410,434-435,445-475,504-510
userController.js	80.85	66.07	100	80.64	11,69-70,85,127-128,143,185-186,232-233,251,271-272,308-309,403-404
middleware	86.27	71.42	100	86.27	
auth.js	81.57	69.23	100	81.57	24,57,74-82,93
validation.js	100	100	100	100	
models	97.46	81.81	100	97.4	
Booking.js	94.44	50	100	94.11	167
Event.js	96.96	83.33	100	96.87	240
PaymentOrder.js	100	100	100	100	
Review.js	100	100	100	100	
User.js	100	100	100	100	
routes	100	100	100	100	
auth.js	100	100	100	100	
bookings.js	100	100	100	100	
events.js	100	100	100	100	
paymentRoutes.js	100	100	100	100	
reviews.js	100	100	100	100	
users.js	100	100	100	100	
PaymentOrder.js	100	100	100	100	
Review.js	100	100	100	100	
User.js	100	100	100	100	
routes	100	100	100	100	
auth.js	100	100	100	100	
bookings.js	100	100	100	100	
events.js	100	100	100	100	
paymentRoutes.js	100	100	100	100	
reviews.js	100	100	100	100	
users.js	100	100	100	100	
routes	100	100	100	100	
auth.js	100	100	100	100	
bookings.js	100	100	100	100	
events.js	100	100	100	100	
paymentRoutes.js	100	100	100	100	
reviews.js	100	100	100	100	
users.js	100	100	100	100	
events.js	100	100	100	100	
paymentRoutes.js	100	100	100	100	
reviews.js	100	100	100	100	
users.js	100	100	100	100	

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users.js	100	100	100	100
routes	100	100	100	100
auth.js	100	100	100	100
bookings.js	100	100	100	100
events.js	100	100	100	100
paymentRoutes.js	100	100	100	100
reviews.js	100	100	100	100
users.js	100	100	100	100
events.js	100	100	100	100
paymentRoutes.js	100	100	100	100
reviews.js	100	100	100	100
users.js	100	100	100	100
reviews.js	100	100	100	100
users.js	100	100	100	100
users.js	100	100	100	100

Test Suites: **6 failed**, 6 total
Tests: **11 failed, 125 passed**, 136 total
Snapshots: 0 total
Time: 343.047 s, estimated 669 s
Tests: **11 failed, 125 passed**, 136 total
Snapshots: 0 total
Time: 343.047 s, estimated 669 s
Snapshots: 0 total
Time: 343.047 s, estimated 669 s
Time: 343.047 s, estimated 669 s
Ran all test suites.

PS C:\sem 3\WebSerSOA\EventHub\backend> █