D:\Users\user\PycharmProjects\mySettle\.venv\Scripts\python.exe
D:\Users\user\PycharmProjects\mySettle\project\backend\test.py
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Running E2E Test Flow
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>>> STEP 1: Authentication
[Main] [POST] [SEND] /auth/login for driver_a (PENDING) [{"user_id": "driver_a"}]
[Main] [POST] [RECEIVE] Driver A logged in (OK) [{"user_id": "driver_a", "name": "User driver_a"}]
[Main] [POST] [SEND] /auth/login for driver_b (PENDING) [{"user_id": "driver_b"}]
[Main] [POST] [RECEIVE] Driver B logged in (OK) [{"user_id": "driver_b", "name": "User driver_b"}]
[Main] [POST] [SEND] /auth/login for police_main (PENDING) [{"user_id": "police_main"}]
[Main] [POST] [RECEIVE] Police logged in (OK) [{"user_id": "police_main", "name": "User police_main"}]

>>> STEP 2: Session Creation
[Driver A] [POST] [SEND] /session/create (PENDING) [{"user_id": "driver_a"}]
[Driver A] [POST] [RECEIVE] Session created (SUCCESS) [{"session_id": "cb794d1d...", "otp": "016894"}]
[Driver A] [SSE] [SEND] Connecting to stream (CONNECTING)

>>> STEP 3: Session Join
[Driver B] [POST] [SEND] /session/join with OTP 016894 (PENDING) [{"otp": "016894", "user_id": "driver_b"}]
[Driver A] [SSE] [RECEIVE] Stream connected (OK)
[Driver A] [SSE] [RECEIVE] Event: HANDSHAKE_COMPLETE (OK) [{'driver_b': 'driver_b'}]
[Driver B] [POST] [RECEIVE] Joined session (SUCCESS) [{"session_id": "cb794d1d...", "status": "JOINED"}]
[Driver B] [SSE] [SEND] Connecting to stream (CONNECTING)

>>> STEP 4: Utility Functions
[Main] [POST] [SEND] /util/scene-map (PENDING) [{"lat": 3.14, "lng": 101.68}]
[Driver B] [SSE] [RECEIVE] Stream connected (OK)
[Main] [POST] [RECEIVE] Scene map generated (OK) [{"url": "..."}]
[Main] [POST] [SEND] /util/verify-image (PENDING) [{"image_base64": "fake", "description": "car"}]
[Main] [POST] [RECEIVE] Image verified (OK) [{"valid": true, "car_plate": "W9311X"}]

>>> STEP 5: Evidence Submission

[Driver A] [POST] [SEND] /report/submit with 2 evidences (PENDING) [{"session_id": "cb794d1d-d9db-4951-a63c-6f98bae64c1b", "user_id": "driver_a", "evidences": "[2 items]"}]
[Driver A] [SSE] [RECEIVE] Event: REPORT_SUBMITTED (OK) [{'user_id': 'driver_a'}][Driver B] [SSE] [RECEIVE] Event: REPORT_SUBMITTED (OK) [{'user_id': 'driver_a'}]

[Driver A] [POST] [RECEIVE] Report submitted (SUCCESS) [{"status": "SUBMITTED"}]
[Driver B] [POST] [SEND] /report/submit with 2 evidences (PENDING) [{"session_id": "cb794d1d-d9db-4951-a63c-6f98bae64c1b", "user_id": "driver_b", "evidences": "[2 items]"}]
[Driver A] [SSE] [RECEIVE] Event: ALL_REPORTS_SUBMITTED (OK) [{'user_id': 'driver_b'}]
[Driver B] [POST] [RECEIVE] Report submitted (SUCCESS) [{"status": "SUBMITTED"}]
[Driver B] [SSE] [RECEIVE] Event: ALL_REPORTS_SUBMITTED (OK) [{'user_id': 'driver_b'}]

>>> STEP 6: Police Intervention
[Police] [POST] [SEND] /police/meeting (PENDING) [{"session_id": "cb794d1d-d9db-4951-a63c-6f98bae64c1b", "police_id": "police_main"}]
[Driver A] [SSE] [RECEIVE] Event: MEETING_STARTED (OK) [{'link': 'https://meet.google.com/mock-cb794d1d'}]
[Police] [POST] [RECEIVE] Meeting created (SUCCESS) [{"link": "https://meet.google.com/mock-cb794d1d"}][Driver B] [SSE] [RECEIVE] Event: MEETING_STARTED (OK) [{'link': 'https://meet.google.com/mock-cb794d1d'}]

>>> STEP 7: Police Signature
[Police] [POST] [SEND] /police/sign (PENDING) [{"session_id": "cb794d1d-d9db-4951-a63c-6f98bae64c1b", "police_id": "police_main", "signature": "police_sig"}]
[Driver A] [SSE] [RECEIVE] Event: POLICE_SIGNED (OK) [{'status': 'SIGNED', 'police_id': 'police_main'}]
[Driver B] [SSE] [RECEIVE] Event: POLICE_SIGNED (OK) [{'status': 'SIGNED', 'police_id': 'police_main'}][Police] [POST] [RECEIVE] Police signed report (SUCCESS) [{"status": "SIGNED"}]

>>> STEP 8: User Signatures (Case Closure)
[Driver A] [POST] [SEND] /session/sign (PENDING) [{"session_id": "cb794d1d-d9db-4951-a63c-6f98bae64c1b", "user_id": "driver_a", "signature": "a_sig"}]
[Driver A] [SSE] [RECEIVE] Event: USER_SIGNED (OK) [{'user_id': 'driver_a'}]
[Driver B] [SSE] [RECEIVE] Event: USER_SIGNED (OK) [{'user_id': 'driver_a'}]
[Driver A] [POST] [RECEIVE] Driver A signed (SUCCESS) [{"status": "SIGNED"}]
[Driver B] [POST] [SEND] /session/sign (PENDING) [{"session_id": "cb794d1d-d9db-4951-a63c-6f98bae64c1b", "user_id": "driver_b", "signature": "b_sig"}]
[Driver A] [SSE] [RECEIVE] Event: CASE_CLOSED (OK) [{'final_report': 'http://pdf-url...'}][Driver B] [POST] [RECEIVE] Driver B signed (SUCCESS) [{"status": "SIGNED"}]

[Driver B] [SSE] [RECEIVE] Event: CASE_CLOSED (OK) [{'final_report': 'http://pdf-url...'}]

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✓ Test flow completed successfully
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Process finished with exit code 0