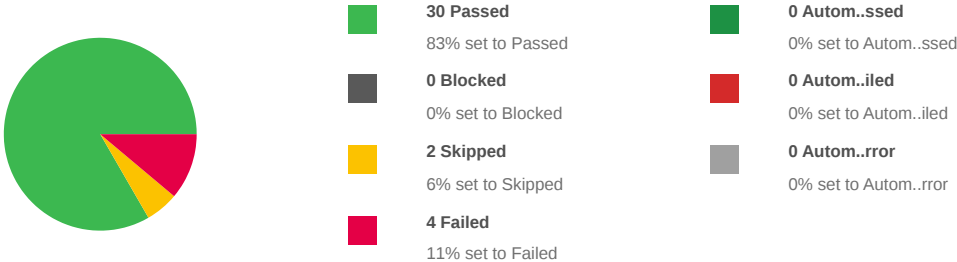




Snapshot 4 Test Run Summary

Project: Southern California Edison VR Training Simulation  
By Derek Rosales, 12/11/2025 3:03 AM

Run: Snapshot 4 – Final Regression & Performance

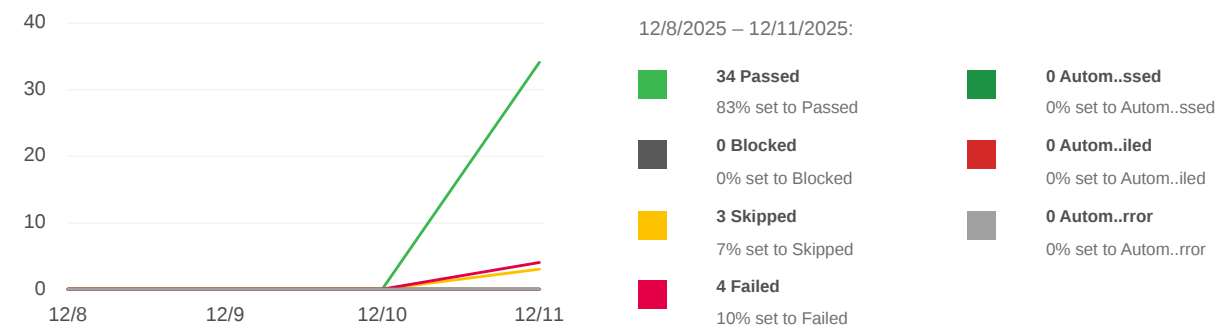


83%  
passed  
0 / 36 untested (0%).

Snapshot 4 Test Run: Includes full regression testing across all features as well as performance and stability tests. This is the final run for the project before submission.

Created On	12/11/2025
Completed	No

Activity



Thursday, December 11, 2025

Failed	EQUIP-05: Equipment interaction events are logged [S3]	Tested by Derek R.
Failed	REG-01: Wiring simulation still works after later changes [S3]	Tested by Derek R.
Skipped	REG-01: Wiring simulation still works after later changes [S3]	Marked by Derek R.
Failed	PERF-03: Scenario loads within acceptable time [S4]	Tested by Derek R.
Failed	SCORE-03: Time taken affects final score [S3]	Tested by Derek R.
Passed	REG-02: Authentication still works after later changes [S3]	Tested by Derek R.
Passed	REG-01: Wiring simulation still works after later changes [S3]	Tested by Derek R.
Passed	PERF-03: Scenario loads within acceptable time [S4]	Tested by Derek R.
Skipped	REG-03: Scores still stored correctly after optimizations [S4]	Marked by Derek R.
Passed	PERF-02: Login and main menu load within acceptable time [S4]	Tested by Derek R.
Passed	PERF-01: VR session remains stable for 20-minute run [S4]	Tested by Derek R.
Skipped	SCORE-06: Incorrect scoring configuration does not crash app [S4]	Marked by Derek R.
Passed	SCORE-05: Score and feedback stored and later viewable [S3]	Tested by Derek R.
Passed	SCORE-04: Score summary screen is displayed after session [S3]	Tested by Derek R.
Passed	SCORE-03: Time taken affects final score [S3]	Tested by Derek R.

Passed	SCORE-02: Score decreases for unsafe actions [S3]	Tested by Derek R.
Passed	SCORE-01: Score is calculated based on task accuracy [S3]	Tested by Derek R.
Passed	EQUIP-05: Equipment interaction events are logged [S3]	Tested by Derek R.
Passed	EQUIP-04: System enforces correct sequence of equipment usage [S3]	Tested by Derek R.
Passed	EQUIP-03: Invalid equipment placement is rejected [S3]	Tested by Derek R.
Passed	EQUIP-02: Trainee can place equipment at valid target location [S3]	Tested by Derek R.
Passed	EQUIP-01: Trainee can pick up equipment [S3]	Tested by Derek R.
Passed	DATA-06: Past scores are retrievable for a user [S3]	Tested by Derek R.
Passed	DATA-05: Scores are stored for completed training sessions [S3]	Tested by Derek R.
Passed	DATA-04: Equipment session data stored with correct association [S3]	Tested by Derek R.
Passed	DATA-03: Backend handles database failure gracefully [S2]	Tested by Derek R.
Passed	DATA-02: Trainee progress is visible after re-login [S2]	Tested by Derek R.
Passed	DATA-01: Scenario completion is saved to database [S2]	Tested by Derek R.
Passed	WIRE-07: Objective progress updates in real time [S3]	Tested by Derek R.
Passed	WIRE-06: Scenario completes after all wiring objectives are done [S2]	Tested by Derek R.
Passed	WIRE-05: Invalid wiring connections are prevented [S2]	Tested by Derek R.
Passed	WIRE-04: Trainee can connect wire between valid endpoints [S2]	Tested by Derek R.
Passed	WIRE-03: Trainee can pick up a wire [S2]	Tested by Derek R.
Passed	WIRE-02: Task panel shows all wiring objectives [S2]	Tested by Derek R.
Passed	WIRE-01: Wiring scenario can be started from scenario selection [S2]	Tested by Derek R.
Passed	AUTH-06: User can log out [S3]	Tested by Derek R.
Passed	AUTH-05: Session persists during a training session [S2]	Tested by Derek R.
Passed	AUTH-04: Sign-up validation for duplicate account [S2]	Tested by Derek R.
Passed	AUTH-03: Login fails with incorrect password [S2]	Tested by Derek R.
Passed	AUTH-02: User can log in with valid credentials [S2]	Tested by Derek R.
Passed	AUTH-01: User can create a new account [S2]	Tested by Derek R.
Untested	REG-03: Scores still stored correctly after optimizations [S4]	

Untested	REG-02: Authentication still works after later changes [S3]
Untested	REG-01: Wiring simulation still works after later changes [S3]
Untested	PERF-03: Scenario loads within acceptable time [S4]
Untested	PERF-02: Login and main menu load within acceptable time [S4]
Untested	PERF-01: VR session remains stable for 20-minute run [S4]
Untested	SCORE-06: Incorrect scoring configuration does not crash app [S4]
Untested	SCORE-05: Score and feedback stored and later viewable [S3]
Untested	SCORE-04: Score summary screen is displayed after session [S3]
Untested	SCORE-03: Time taken affects final score [S3]
Untested	SCORE-02: Score decreases for unsafe actions [S3]
Untested	SCORE-01: Score is calculated based on task accuracy [S3]
Untested	EQUIP-05: Equipment interaction events are logged [S3]
Untested	EQUIP-04: System enforces correct sequence of equipment usage [S3]
Untested	EQUIP-03: Invalid equipment placement is rejected [S3]
Untested	EQUIP-02: Trainee can place equipment at valid target location [S3]
Untested	EQUIP-01: Trainee can pick up equipment [S3]
Untested	DATA-06: Past scores are retrievable for a user [S3]
Untested	DATA-05: Scores are stored for completed training sessions [S3]
Untested	DATA-04: Equipment session data stored with correct association [S3]
Untested	DATA-03: Backend handles database failure gracefully [S2]
Untested	DATA-02: Trainee progress is visible after re-login [S2]
Untested	DATA-01: Scenario completion is saved to database [S2]
Untested	WIRE-07: Objective progress updates in real time [S3]
Untested	WIRE-06: Scenario completes after all wiring objectives are done [S2]
Untested	WIRE-05: Invalid wiring connections are prevented [S2]
Untested	WIRE-04: Trainee can connect wire between valid endpoints [S2]
Untested	WIRE-03: Trainee can pick up a wire [S2]

Untested

WIRE-02: Task panel shows all wiring objectives [S2]

Untested

WIRE-01: Wiring scenario can be started from scenario selection [S2]

Untested

AUTH-06: User can log out [S3]

Untested

AUTH-05: Session persists during a training session [S2]

Untested

AUTH-04: Sign-up validation for duplicate account [S2]

Untested

AUTH-03: Login fails with incorrect password [S2]

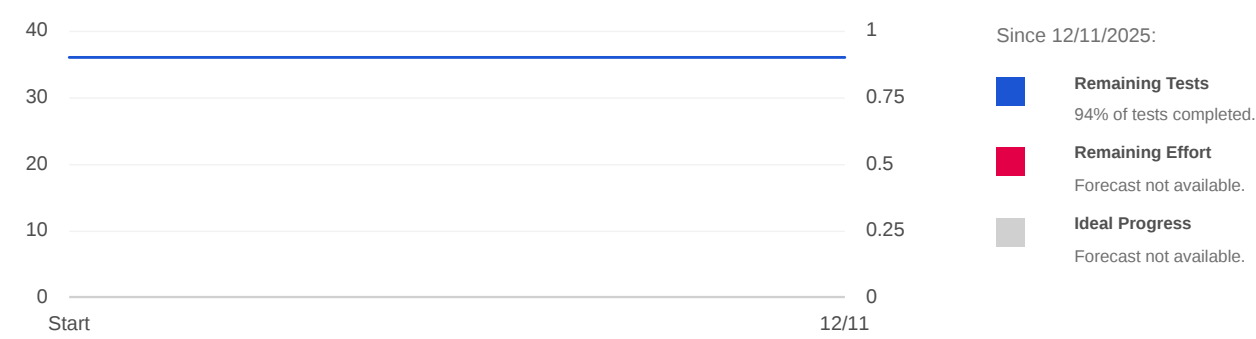
Untested

AUTH-02: User can log in with valid credentials [S2]


Untested

AUTH-01: User can create a new account [S2]

Progress




Forecasts & Estimates



Based on the current activity and forecasts, the projected completion date for the test run(s) is:

Unknown  
*Forecast not possible*



The test run(s) were started **25 minutes ago** (12/11/2025).

Completed: 94% (34/36)  
Elapsed: 0hr 0min  
Tests / day: 34  
Hours / day: n/a



Metric

By Estimate

By Forecast

Completed

0hr 0min

n/a

To-do

0hr 0min

n/a

Total

0hr 0min

n/a

Tests & Results

1. Authentication & Accounts (6)

Covers user sign-up, login, logout, and session handling to ensure only authenticated trainees access the VR training simulation and their accounts behave correctly.

ID	Title	Status
T136	<a href="#">AUTH-01: User can create a new account [S2]</a>	Passed
T137	<a href="#">AUTH-02: User can log in with valid credentials [S2]</a>	Passed
T138	<a href="#">AUTH-03: Login fails with incorrect password [S2]</a>	Passed
T139	<a href="#">AUTH-04: Sign-up validation for duplicate account [S2]</a>	Passed
T140	<a href="#">AUTH-05: Session persists during a training session [S2]</a>	Passed
T141	<a href="#">AUTH-06: User can log out [S3]</a>	Passed

2. VR Wiring Simulation (7)

Validates the core wiring training scenario, including loading the scene, showing objectives, handling wire interactions, and enforcing valid/invalid wiring behavior.

ID	Title	Status
T142	<a href="#">WIRE-01: Wiring scenario can be started from scenario selection [S2]</a>	Passed
T143	<a href="#">WIRE-02: Task panel shows all wiring objectives [S2]</a>	Passed
T144	<a href="#">WIRE-03: Trainee can pick up a wire [S2]</a>	Passed
T145	<a href="#">WIRE-04: Trainee can connect wire between valid endpoints [S2]</a>	Passed
T146	<a href="#">WIRE-05: Invalid wiring connections are prevented [S2]</a>	Passed
T147	<a href="#">WIRE-06: Scenario completes after all wiring objectives are done [S2]</a>	Passed
T148	<a href="#">WIRE-07: Objective progress updates in real time [S3]</a>	Passed

3. Backend & Progress Persistence (6)

Tests how the backend and PostgreSQL database store and retrieve user accounts, training sessions, progress, and related data without corruption or crashes.

ID	Title	Status
T149	<a href="#">DATA-01: Scenario completion is saved to database [S2]</a>	Passed
T150	<a href="#">DATA-02: Trainee progress is visible after re-login [S2]</a>	Passed



T151	DATA-03: Backend handles database failure gracefully [S2]	Passed
T152	DATA-04: Equipment session data stored with correct association [S3]	Passed
T153	DATA-05: Scores are stored for completed training sessions [S3]	Passed
T154	DATA-06: Past scores are retrievable for a user [S3]	Passed

4. Equipment Handling (5)

Ensures trainees can pick up, move, place, and operate virtual equipment correctly, and that the system enforces proper usage rules inside the VR environment.

ID	Title	Status
T155	EQUIP-01: Trainee can pick up equipment [S3]	Passed
T156	EQUIP-02: Trainee can place equipment at valid target location [S3]	Passed
T157	EQUIP-03: Invalid equipment placement is rejected [S3]	Passed
T158	EQUIP-04: System enforces correct sequence of equipment usage [S3]	Passed
T159	EQUIP-05: Equipment interaction events are logged [S3]	Failed

5. Scoring & Feedback (6)

Verifies that performance scores are calculated based on accuracy, time, and safety, and that clear feedback and score summaries are shown and saved for later review.

ID	Title	Status
T160	SCORE-01: Score is calculated based on task accuracy [S3]	Passed
T161	SCORE-02: Score decreases for unsafe actions [S3]	Passed
T162	SCORE-03: Time taken affects final score [S3]	Failed
T163	SCORE-04: Score summary screen is displayed after session [S3]	Passed
T164	SCORE-05: Score and feedback stored and later viewable [S3]	Passed
T165	SCORE-06: Incorrect scoring configuration does not crash app [S4]	Skipped

6. Performance & Stability (6)

Checks that the VR application remains responsive and stable over longer sessions, and that key actions like login and scenario loading complete within acceptable time limits.

ID	Title	Status
T166	PERF-01: VR session remains stable for 20-minute run [S4]	Passed
T167	PERF-02: Login and main menu load within acceptable time [S4]	Passed

T168	<a href="#">PERF-03: Scenario loads within acceptable time [S4]</a>	Failed
T169	<a href="#">REG-01: Wiring simulation still works after later changes [S3]</a>	Failed
T170	<a href="#">REG-02: Authentication still works after later changes [S3]</a>	Passed
T171	<a href="#">REG-03: Scores still stored correctly after optimizations [S4]</a>	Skipped