

# Test Execution Report: Reliance Meeting Scheduler

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- **Project:** Reliance Meeting Scheduler
  - **Version:** 1.0
  - **Test Cycle:** Final Acceptance Testing
  - **Date of Execution:** July 23, 2025
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## Executive Summary

The Reliance Meeting Scheduler application has undergone a comprehensive testing cycle to ensure full functionality, reliability, security, and usability. All defined test cases, covering every feature from user authentication to meeting creation and error handling, were executed successfully. The application consistently met or exceeded all expected outcomes.

Based on the results detailed below, the project is confirmed to be stable, meets all specified requirements, and is recommended for production deployment.

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## 1. Login & Authentication Test Results

Test Case ID	Feature	Test Scenario	Expected Result	Actual Result	Status
LA-001	Login	Successful login with valid credentials.	User is redirected to the scheduler, a JWT is stored, and the welcome message appears.	User was successfully redirected to the scheduler page, a JWT was stored, and the welcome message was correctly displayed.	Passed
LA-002	Login	Failed login with invalid password.	An error message "Invalid username or password" is displayed.	The application correctly displayed the "Invalid username or password" error message.	Passed
LA-003	Login	Failed login with non-existent username.	An error message "User not found" is displayed.	The application correctly displayed the "User not found" error message.	Passed

<b>LA-004</b>	Login	Login attempt with empty fields.	Submission is prevented and a client-side error appears.	Form submission was correctly prevented, and the required field error message was shown.	<b>Passed</b>
<b>LA-005</b>	Logout	Successful user logout.	User is redirected to the login page and the session is cleared.	User was successfully redirected to the login page, and the JWT was cleared from localStorage.	<b>Passed</b>
<b>LA-006</b>	Session	Persist session on page refresh.	The user remains on the scheduler page after refreshing.	The user's session was correctly persisted, and they remained logged in on the scheduler page after a browser refresh.	<b>Passed</b>
<b>LA-007</b>	Session	Accessing scheduler page without being logged in.	The user is redirected to the login page.	Unauthorized access was prevented, and the user was	<b>Passed</b>

				correctly redirected to the login page.	
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## 2. Meeting Scheduler UI & Validation Test Results

Test Case ID	Feature	Test Scenario	Expected Result	Actual Result	Status
<b>UI-001</b>	Form Fields	Host information is pre-filled and read-only.	"Full Name" and "Email Address" are pre-filled and cannot be edited.	Host information was correctly pre-filled from user data and the fields were confirmed to be read-only.	<b>Passed</b>
<b>UI-002</b>	Validation	Required fields validation.	The form does not submit and shows error messages for empty required fields.	Form submission was prevented, and error messages were displayed for all empty required fields as expected.	<b>Passed</b>

<b>UI-003</b>	Date Picker	Date picker minimum date validation.	Dates prior to the current date are disabled.	The date picker correctly disabled all past dates, preventing their selection.	<b>Passed</b>
<b>UI-004</b>	Time Fields	End Time must be after Start Time.	An error message "End time must be after start time" is displayed.	The validation logic correctly identified the invalid time range and displayed the appropriate error message.	<b>Passed</b>
<b>UI-005</b>	Time Fields	Minimum meeting duration (15 minutes).	An error message "Meeting duration must be at least 15 minutes" is displayed.	The validation correctly enforced the minimum meeting duration and displayed the expected error message.	<b>Passed</b>
<b>UI-006</b>	Participants	Participant email validation	An error message identifying	The system correctly identified	<b>Passed</b>

		(invalid format).	the invalid email is displayed.	the malformed email address and showed a specific error message.	
<b>UI-007</b>	Participants	Participant email counter updates correctly.	The counter updates to show the correct number of participants detected.	The participant counter updated in real-time and accurately reflected the number of valid emails entered.	<b>Passed</b>

### 3. Availability Check Functionality Test Results

Test Case ID	Feature	Test Scenario	Expected Result	Actual Result	Status
<b>AC-001</b>	Check	Check availability for a completely free slot.	A success message "Your selected time slot is available!" is displayed.	The system correctly identified the free slot and displayed the success message as expected.	<b>Passed</b>

<b>AC-002</b>	Check	Check availability for a taken slot.	An error message appears, and a grid of alternative slots is displayed.	The system correctly identified the conflict and presented the user with a grid of available alternative time slots.	<b>Passed</b>
<b>AC-003</b>	Slot Selection	Select an alternative time slot from the grid.	The clicked slot is highlighted, and the "Update Slot Section" appears.	Clicking an alternative slot worked as designed, highlighting the selection and showing the update controls.	<b>Passed</b>
<b>AC-004</b>	Slot Update	Update form with the newly selected time.	The main form's time fields are updated, and the availability section is hidden.	The form's time fields were successfully updated with the new selection, and the UI returned to the main form view.	<b>Passed</b>
<b>AC-005</b>	No Slots	No alternative slots are	The "No available slots"	The system correctly handled a	<b>Passed</b>

		available for the selected day.	message is displayed.	fully booked day by displaying the "No available slots" message.	
<b>AC-006</b>	Validation	Attempt to check availability with missing time fields.	An error message prompts the user to select a date and time.	Validation worked as expected, preventing the check and displaying an informative error message.	<b>Passed</b>

#### 4. Meeting Scheduling Functionality Test Results

Test Case ID	Feature	Test Scenario	Expected Result	Actual Result	Status
<b>MS-001</b>	Schedule	Successfully schedule a valid meeting.	The "Success Panel" is displayed with correct meeting details and a Webex link.	The meeting was scheduled successfully, and the success panel displayed all accurate meeting information.	<b>Passed</b>



<b>MS-002</b>	Schedule	Schedule a meeting with an optional password.	The meeting is scheduled, and the password is shown in the success details.	The meeting was scheduled with the password, which was correctly reflected in the confirmation details.	<b>Passed</b>
<b>MS-003</b>	Reset	"Schedule Another Meeting" button functionality.	The form resets to its default state, ready for new input.	The button successfully cleared the success panel and presented a clean, reset form.	<b>Passed</b>
<b>MS-004</b>	Reset	"Try Again" button functionality after an error.	The error panel is hidden, and the form is shown with previous data.	The button successfully hid the error panel and restored the form with the user's prior input for correction.	<b>Passed</b>
<b>MS-005</b>	Agenda	Verify scheduler's info is added to the meeting agenda.	The meeting invitation agenda includes a "Scheduled by: [User	The generated meeting invitation correctly contained the	<b>Passed</b>

			Name]" section.	scheduler's identity in the agenda, as specified.	
<b>MS-006</b>	Invitees	Verify the scheduler is automatically invited to the meeting.	The scheduler's email is included in the final list of invitees.	The scheduler's email was successfully added to the meeting's invitee list automatically.	<b>Passed</b>

## 5. Security & Error Handling Test Results

Test Case ID	Feature	Test Scenario	Expected Result	Actual Result	Status
<b>SEC-001</b>	Auth	Unauthorized API access without a token.	The server responds with a 401 Unauthorized or 403 Forbidden status.	The server correctly rejected the request with a 401 Unauthorized status code, preventing unauthorized access.	<b>Passed</b>
<b>SEC-002</b>	Auth	API access with an invalid/expired token.	The server responds with a 403 Forbidden status.	The server correctly rejected the request with a 403	<b>Passed</b>

				Forbidden status code, ensuring token validity.	
<b>SEC-003</b>	HTTPS	HTTP to HTTPS redirection.	The browser is automatically redirected from http to https.	The server correctly enforced a secure connection by redirecting all HTTP traffic to HTTPS.	<b>Passed</b>
<b>ERR-001</b>	Backend	Graceful handling when the LDAP server is down.	A user-friendly error message is displayed without crashing.	The application remained stable and displayed a "Could not connect to the authentication server" message.	<b>Passed</b>
<b>ERR-002</b>	Backend	Graceful handling when the Webex API is down.	A user-friendly error message is displayed without crashing.	The application remained stable and displayed a "Failed to communicate with the scheduling service" message.	<b>Passed</b>

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## 6. Usability & Responsiveness Test Results

Test Case ID	Feature	Test Scenario	Expected Result	Actual Result	Status
US-001	Responsive ness	View and use the application on a mobile device.	The layout adapts, and all elements are functional and easily tappable.	The application rendered perfectly on mobile viewports, with all functionality intact and easy to use.	Passed
US-002	Responsive ness	View and use the application on a tablet device.	The layout utilizes the medium screen space effectively.	The application layout was well-proportioned and fully functional on tablet-sized viewports.	Passed
US-003	Loading States	Visual feedback is provided during background operations.	Buttons show clear loading indicators when processing.	All relevant buttons displayed clear and immediate loading indicators, improving the user experience.	Passed

<b>US-004</b>	Accessibility	Full keyboard navigation of all forms.	All interactive elements are focusable and can be triggered via the keyboard.	The entire application was successfully navigated and operated using only the keyboard in a logical order.	<b>Passed</b>
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