

Vitest Test Report

Membership Payment System - Frontend
Generated on 17 February 2026 at 3:17:34 pm

90

Passed

0

Failed

90

Total

7

Test Files

9.91s

Duration

Test Suites

✓ AdminLogin.test.jsx

9/9 passed • 2.45s

AdminLogin

- ✓ AdminLogin should render username and password fields 52.42ms
- ✓ AdminLogin should render login button 398.24ms
- ✓ AdminLogin should render Admin Login heading 13.45ms
- ✓ AdminLogin should show error for empty fields on submit 131.8ms
- ✓ AdminLogin should call login API with credentials on submit 498.59ms
- ✓ AdminLogin should call onLoginSuccess on successful login 407.34ms
- ✓ AdminLogin should store token in localStorage on success 459.52ms
- ✓ AdminLogin should show error message on failed login 414.09ms
- ✓ AdminLogin should toggle password visibility 77.09ms

✓ Loading.test.jsx

2/2 passed • 43ms

Loading

- ✓ Loading should render with default message 38.96ms
- ✓ Loading should render with custom message 3.11ms

✓ MemberSearch.test.jsx

8/8 passed • 1.63s

MemberSearch

- ✓ MemberSearch should render search input and button 348.31ms
- ✓ MemberSearch should disable button when input has fewer than 2 characters 70.8ms
- ✓ MemberSearch should enable button when input has 2+ characters 193.16ms
- ✓ MemberSearch should show error for less than 2 characters on submit 110.59ms
- ✓ MemberSearch should display search results after successful search 208.05ms
- ✓ MemberSearch should show "No members found" for empty results 196.97ms
- ✓ MemberSearch should call onMemberSelect when a result is clicked 298.71ms
- ✓ MemberSearch should show error message on API failure 199.93ms

✓ PaymentSuccess.test.jsx

9/9 passed • 266ms

PaymentSuccess

✓ PaymentSuccess should render payment success heading	88.09ms
✓ PaymentSuccess should render transaction ID	17.32ms
✓ PaymentSuccess should render member name and folio	25.37ms
✓ PaymentSuccess should render member email	14.53ms
✓ PaymentSuccess should render activated membership year	31.39ms
✓ PaymentSuccess should render download receipt button	41.9ms
✓ PaymentSuccess should render back to home button	15.46ms
✓ PaymentSuccess should render confirmation email notice	11.54ms
✓ PaymentSuccess should render payment status badge	19.82ms

formatCurrency

✓ formatCurrency should format 1200 as INR	21.46ms
✓ formatCurrency should format 0	0.32ms
✓ formatCurrency should format large amounts with Indian grouping	0.23ms
✓ formatCurrency should include rupee symbol	0.31ms

formatDate

✓ formatDate should return N/A for null	0.3ms
✓ formatDate should return N/A for undefined	0.13ms
✓ formatDate should format a valid date string	5.14ms

formatDateTime

✓ formatDateTime should return N/A for null	0.19ms
✓ formatDateTime should format a valid datetime	0.41ms

formatMembershipYear

✓ formatMembershipYear should format April-March membership year	0.18ms
✓ formatMembershipYear should format another year range	0.12ms

getStatusColor

✓ getStatusColor should return green for success	0.17ms
✓ getStatusColor should return yellow for pending	0.12ms
✓ getStatusColor should return red for failed	0.11ms
✓ getStatusColor should return green for active	0.12ms
✓ getStatusColor should return gray for unknown status	0.11ms
✓ getStatusColor should return gray for inactive	0.11ms

isValidEmail

✓ isValidEmail should return true for valid email	0.21ms
✓ isValidEmail should return true for email with subdomain	0.25ms
✓ isValidEmail should return false for missing @	0.12ms
✓ isValidEmail should return false for missing domain	0.11ms
✓ isValidEmail should return false for empty string	0.11ms
✓ isValidEmail should return false for spaces	0.11ms

isValidPhone

✓ isValidPhone should return true for valid Indian phone starting with 9	0.17ms
✓ isValidPhone should return true for phone starting with 6	0.14ms
✓ isValidPhone should return true for phone starting with 7	0.11ms
✓ isValidPhone should return true for phone starting with 8	0.11ms
✓ isValidPhone should return false for phone starting with 1	0.11ms
✓ isValidPhone should return false for too short	0.11ms
✓ isValidPhone should return false for too long	0.11ms
✓ isValidPhone should return false for non-digits	0.1ms

debounce

✓ debounce should call function after delay	4.76ms
✓ debounce should cancel previous call when called again within delay	0.64ms
✓ debounce should not call function if delay has not elapsed	0.44ms

✓ auth.security.test.jsx

13/13 passed • 3.86s

Token Storage Security

- ✓ Token Storage Security should store token in localStorage on successful login 849.75ms
- ✓ Token Storage Security should NOT store password in localStorage after login 537.77ms
- ✓ Token Storage Security should NOT store password in sessionStorage 514.76ms
- ✓ Token Storage Security should NOT store username in localStorage 438.34ms

Token Transmission Security

- ✓ Token Transmission Security should attach token via Authorization header in API service (not URL param) 1.75ms
- ✓ Token Transmission Security should retrieve token from localStorage for admin requests 0.52ms
- ✓ Token Transmission Security should only attach token for admin routes 0.57ms

Input Sanitization

- ✓ Input Sanitization should send credentials to API as-is (no client-side injection possible) 682.44ms
- ✓ Input Sanitization should handle special regex characters in MemberSearch without crashing 311.6ms
- ✓ Input Sanitization should pass search input directly to API (server handles sanitization) 495.48ms

Password Field Security

- ✓ Password Field Security should render password field with type="password" by default 6.49ms
- ✓ Password Field Security should not have autocomplete="off" issue - password fields should be secure 8.97ms
- ✓ Password Field Security should not expose password value in DOM attributes 6.02ms

✓ xss.security.test.jsx

15/15 passed • 1.62s

XSS Prevention - PaymentSuccess

- ✓ XSS Prevention - PaymentSuccess should render script tag in member name as plain text 80.75ms
- ✓ XSS Prevention - PaymentSuccess should render HTML tags in email as plain text 23.93ms
- ✓ XSS Prevention - PaymentSuccess should render script tag in transaction ID as plain text 22.84ms
- ✓ XSS Prevention - PaymentSuccess should handle SVG onload XSS in folio_number 58.27ms
- ✓ XSS Prevention - PaymentSuccess should handle event handler injection in payment status 23.03ms

XSS Prevention - MemberSearch

- ✓ XSS Prevention - MemberSearch should render XSS payload in member name as plain text in results 514.25ms
- ✓ XSS Prevention - MemberSearch should handle img onerror XSS in folio_number 215.57ms
- ✓ XSS Prevention - MemberSearch should handle XSS in email field of search results 216.71ms

XSS Prevention - AdminLogin

- ✓ XSS Prevention - AdminLogin should render HTML in error message as plain text 439.09ms

dangerouslySetInnerHTML Check

- ✓ dangerouslySetInnerHTML Check should not use dangerouslySetInnerHTML in PaymentSuccess.jsx 1.02ms
- ✓ dangerouslySetInnerHTML Check should not use dangerouslySetInnerHTML in MemberSearch.jsx 0.41ms
- ✓ dangerouslySetInnerHTML Check should not use dangerouslySetInnerHTML in AdminLogin.jsx 0.37ms
- ✓ dangerouslySetInnerHTML Check should not use dangerouslySetInnerHTML in Loading.jsx 0.32ms

URL Injection Prevention

- ✓ URL Injection Prevention should not create javascript: protocol links from payment ID 10.01ms
- ✓ URL Injection Prevention should not auto-link URL-like content in member name 11.03ms