Bug 001

1. Title:
User able to login with any username/password

2. Environment:

- **Application / Module:** ParaBank

- **Browser / OS / Device:** Chromium

- **App Version / Build:** 1.0

- **Additional Environment Details:**

3. Steps to Reproduce:

1. Go to https://parabank.parasoft.com/parabank/index.htm

2. Login as any user (make up a random one) and password (random as well)

3. You will be able to login even though that user is not there and/or someone else
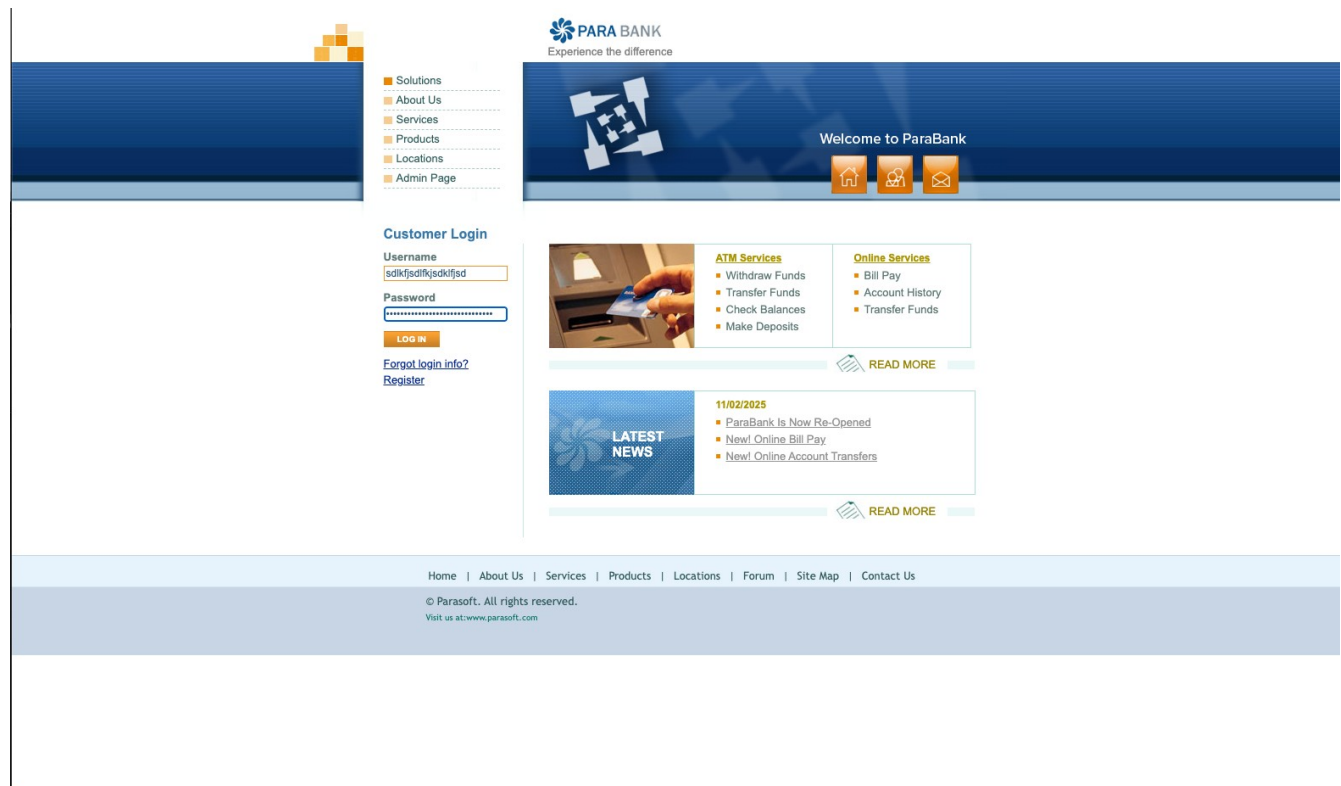
4. Expected Result:
Should not be able to login with invalid credentials

5. Actual Result:
Was able to login with invalid credentials

6. Evidence:

7. Severity:

Major – Security risk and/or function now behaving as per spec

8. Suspected Cause:

Unknown

9. Fix Hypothesis / Suggested Fix:

Review and correct user account permissions and security settings.

10. Retest Plan:

- Try to login again with invalid credentials

- Should not be able to login with invalid credentials

Bug 002

1. Title:

Console error when performing any "ATM Services" or "Online Services" actions

2. Environment:

- **Application / Module:** ParaBank

- **Browser / OS / Device:** Chrome

- **App Version / Build:** 1.0

- **Additional Environment Details:**

3. Steps to Reproduce:

4. Go to https://parabank.parasoft.com/parabank/index.htm

5. Click on any links for "ATM Services" or "Online Services"

6. You will see raw xml.

7. Inspect the page with devtools, you will see console errors (see attachment)
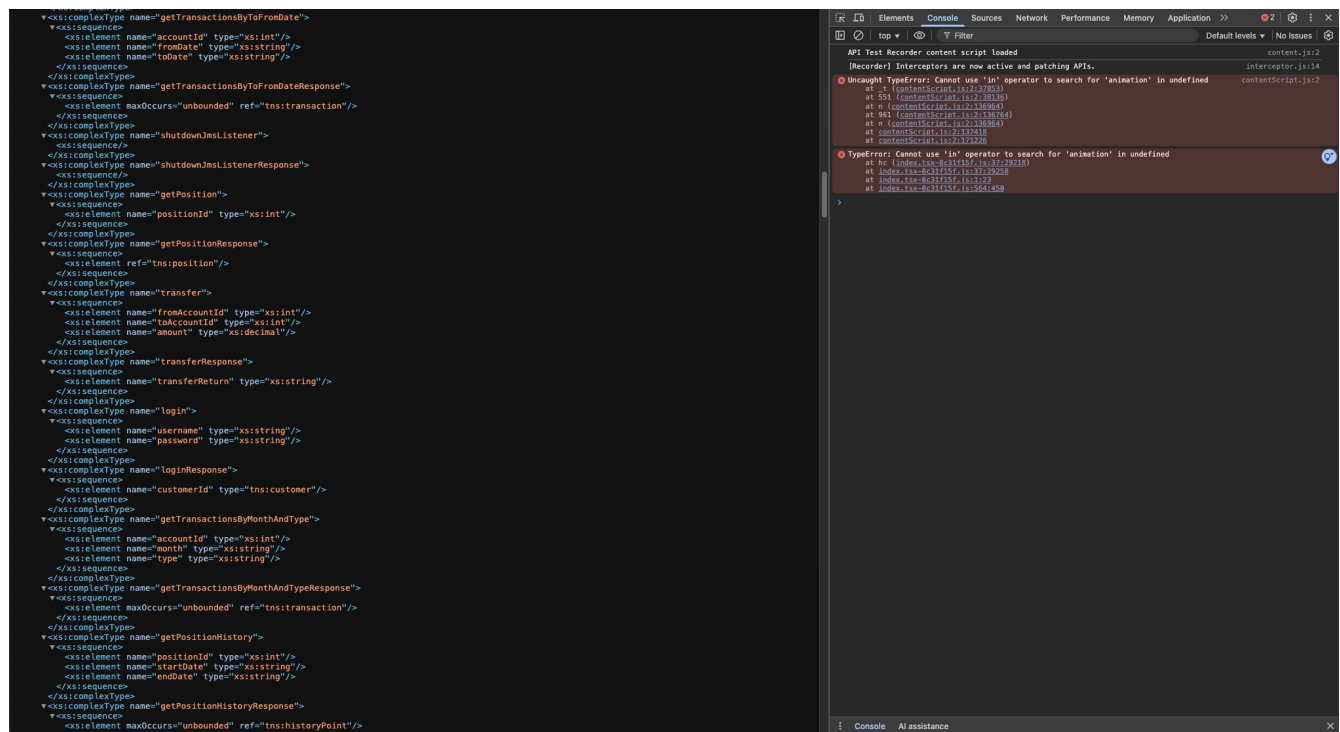
4. Expected Result:
Should be able to load the pages without any issues

5. Actual Result:
Was not able to perform any "ATM Services" or "Online Services" from the main screen

6. Evidence:

7. Severity:
Major – Users unable to perform actions in "ATM Services" and "Online Services"

8. Suspected Cause:
 javascript issue

9. Fix Hypothesis / Suggested Fix:
Review the javascript code and resolve the issue.

10. Retest Plan:

- Try to click any links in "ATM Services" and "Online Services" and perform actions

Bug 003

1. Title:
Accessibility failures on https://parabank.parasoft.com/parabank/index.htm

2. Environment:

- **Application / Module:** ParaBank

- **Browser / OS / Device:** Chromium

- **App Version / Build:** 1.0

- **Additional Environment Details:**

3. Steps to Reproduce:

8. Run playwright axe-core

9. See the failure from automation.

4. Expected Result:
Accessibility tests should pass

5. Actual Result:
Failures reported by accessibility tool

6. Evidence:
+ Array [

  + Object {

  + "description": "Ensure the contrast between foreground and background colors meets WCAG 2 AA minimum contrast ratio thresholds",

  + "help": "Elements must meet minimum color contrast ratio thresholds",

  + "helpUrl": "https://dequeuniversity.com/rules/axe/4.11/color-contrast?application=playwright",

  + "id": "color-contrast",

  + "impact": "serious",

  + "nodes": Array [

  + Object {

  + "all": Array [],

  + "any": Array [

```
+        Object {
+          "data": Object {
+            "bgColor": "#ffffff",
+            "contrastRatio": 3.84,
+            "expectedContrastRatio": "4.5:1",
+            "fgColor": "#828282",
+            "fontSize": "9.8pt (13px)",
+            "fontWeight": "normal",
+            "messageKey": null,
+          },
+          "id": "color-contrast",
+          "impact": "serious",
+          "message": "Element has insufficient color contrast of 3.84 (foreground color: #828282, background color: #ffffff, font size: 9.8pt (13px), font weight: normal). Expected contrast ratio of 4.5:1",
+          "relatedNodes": Array [
+            Object {
+              "html": "<p class=\"caption\">Experience the difference</p>",
+              "target": Array [
+                ".caption",
+              ],
+            },
+          ],
+        },
+      ],
+      "failureSummary": "Fix any of the following:
+   Element has insufficient color contrast of 3.84 (foreground color: #828282, background color: #ffffff, font size: 9.8pt (13px), font weight: normal). Expected contrast ratio of 4.5:1",
+      "html": "<p class=\"caption\">Experience the difference</p>",
+      "impact": "serious",
+      "none": Array [],
```

+   "target": Array [

+   ".caption",

+   ],

+   },

+   Object {

+   "all": Array [],

+   "any": Array [

+   Object {

+   "data": Object {

+   "bgColor": "#c7d5e4",

+   "contrastRatio": 3.97,

+   "expectedContrastRatio": "4.5:1",

+   "fgColor": "#007163",

+   "fontSize": "7.5pt (10px)",

+   "fontWeight": "normal",

+   "messageKey": null,

+   },

+   "id": "color-contrast",

+   "impact": "serious",

+   "message": "Element has insufficient color contrast of 3.97 (foreground color: #007163, background color: #c7d5e4, font size: 7.5pt (10px), font weight: normal). Expected contrast ratio of 4.5:1",

+   "relatedNodes": Array [

+   Object {

+   "html": "<ul class=\"visit\">

+   Visit us at:

+   www.parasoft.com

+   ",

+   "target": Array [

+   ".visit",

+   ],

+   },

+   ],

+   },

+   ],

+   "failureSummary": "Fix any of the following:

+   Element has insufficient color contrast of 3.97 (foreground color: #007163, background color: #c7d5e4, font size: 7.5pt (10px), font weight: normal). Expected contrast ratio of 4.5:1",

+   "html": "
Visit us at:
",

+   "impact": "serious",

+   "none": Array [],

+   "target": Array [

+   ".visit > li:nth-child(1)",

+   ],

+   },

+   Object {

+   "all": Array [],

+   "any": Array [

+   Object {

+   "data": Object {

+   "bgColor": "#c7d5e4",

+   "contrastRatio": 3.97,

+   "expectedContrastRatio": "4.5:1",

+   "fgColor": "#007163",

+   "fontSize": "7.5pt (10px)",

+   "fontWeight": "normal",

+   "messageKey": null,

+   },

+   "id": "color-contrast",

+   "impact": "serious",

+   "message": "Element has insufficient color contrast of 3.97 (foreground color: #007163, background color: #c7d5e4, font size: 7.5pt (10px), font weight: normal). Expected contrast ratio of 4.5:1",

+   "relatedNodes": Array [

+   Object {

+   "html": "www.parasoft.com",

+   "target": Array [

+   "li:nth-child(2) > a[href$=\"parasoft.com/\"]",

+   ],

+   },

+   ],

+   },

+   ],

+   "failureSummary": "Fix any of the following:

+   Element has insufficient color contrast of 3.97 (foreground color: #007163, background color: #c7d5e4, font size: 7.5pt (10px), font weight: normal). Expected contrast ratio of 4.5:1",

+   "html": "www.parasoft.com",

+   "impact": "serious",

+   "none": Array [],

+   "target": Array [

+   "li:nth-child(2) > a[href$=\"parasoft.com/\"]",

+   ],

+   },

+   ],

+   "tags": Array [

+   "cat.color",

+   "wcag2aa",

+   "wcag143",

+   "TTv5",

+   "TT13.c",

```
+      "EN-301-549",

+      "EN-9.1.4.3",

+      "ACT",

+      "RGAAv4",

+      "RGAA-3.2.1",

+    ],

+  },

+  Object {

+    "description": "Ensure every HTML document has a lang attribute",

+    "help": "<html> element must have a lang attribute",

+    "helpUrl": "https://dequeuniversity.com/rules/axe/4.11/html-has-lang?application=playwright",

+    "id": "html-has-lang",

+    "impact": "serious",

+    "nodes": Array [

+      Object {

+        "all": Array [],

+        "any": Array [

+          Object {

+            "data": Object {

+              "messageKey": "noLang",

+            },

+            "id": "has-lang",

+            "impact": "serious",

+            "message": "The <html> element does not have a lang attribute",

+            "relatedNodes": Array [],

+          },

+        ],

+        "failureSummary": "Fix any of the following:

+  The <html> element does not have a lang attribute",

+        "html": "<html>",
```

```
+        "impact": "serious",
+        "none": Array [],
+        "target": Array [
+          "html",
+        ],
+      },
+    ],
+    "tags": Array [
+      "cat.language",
+      "wcag2a",
+      "wcag311",
+      "TTv5",
+      "TT11.a",
+      "EN-301-549",
+      "EN-9.3.1.1",
+      "ACT",
+      "RGAAv4",
+      "RGAA-8.3.1",
+    ],
+  },
+  Object {
+    "description": "Ensure <img> elements have alternative text or a role of none or presentation",
+    "help": "Images must have alternative text",
+    "helpUrl": "https://dequeuniversity.com/rules/axe/4.11/image-alt?application=playwright",
+    "id": "image-alt",
+    "impact": "critical",
+    "nodes": Array [
+      Object {
+        "all": Array [],
+        "any": Array [
```

```
+        Object {
+          "data": null,
+          "id": "has-alt",
+          "impact": "critical",
+          "message": "Element does not have an alt attribute",
+          "relatedNodes": Array [],
+        },
+        Object {
+          "data": null,
+          "id": "aria-label",
+          "impact": "critical",
+          "message": "aria-label attribute does not exist or is empty",
+          "relatedNodes": Array [],
+        },
+        Object {
+          "data": null,
+          "id": "aria-labelledby",
+          "impact": "critical",
+          "message": "aria-labelledby attribute does not exist, references elements that do not exist or
references elements that are empty",
+          "relatedNodes": Array [],
+        },
+        Object {
+          "data": Object {
+            "messageKey": "noAttr",
+          },
+          "id": "non-empty-title",
+          "impact": "critical",
+          "message": "Element has no title attribute",
+          "relatedNodes": Array [],
```

```
+            },
+          Object {
+            "data": null,
+            "id": "presentational-role",
+            "impact": "critical",
+            "message": "Element's default semantics were not overridden with role=\"none\" or
role=\"presentation\"",
+            "relatedNodes": Array [],
+          },
+        ],
+        "failureSummary": "Fix any of the following:
+  Element does not have an alt attribute
+  aria-label attribute does not exist or is empty
+  aria-labelledby attribute does not exist, references elements that do not exist or references
elements that are empty
+  Element has no title attribute
+  Element's default semantics were not overridden with role=\"none\" or role=\"presentation\"",
+        "html": "<img src=\"images/clear.gif\" width=\"56\" height=\"42\" border=\"0\"
class=\"admin\">",
+        "impact": "critical",
+        "none": Array [],
+        "target": Array [
+          ".admin",
+        ],
+      },
+    ],
+    "tags": Array [
+      "cat.text-alternatives",
+      "wcag2a",
+      "wcag111",
+      "section508",
```

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+      "section508.22.a",

+      "TTv5",

+      "TT7.a",

+      "TT7.b",

+      "EN-301-549",

+      "EN-9.1.1.1",

+      "ACT",

+      "RGAAv4",

+      "RGAA-1.1.1",

+    ],

+  },

+  Object {

+    "description": "Ensure every form element has a label",

+    "help": "Form elements must have labels",

+    "helpUrl": "https://dequeuniversity.com/rules/axe/4.11/label?application=playwright",

+    "id": "label",

+    "impact": "critical",

+    "nodes": Array [

+      Object {

+        "all": Array [],

+        "any": Array [

+          Object {

+            "data": null,

+            "id": "implicit-label",

+            "impact": "critical",

+            "message": "Element does not have an implicit (wrapped) <label>",

+            "relatedNodes": Array [],

+          },

+          Object {

+            "data": null,
```

```
+          "id": "explicit-label",

+          "impact": "critical",

+          "message": "Element does not have an explicit <label>",

+          "relatedNodes": Array [],

+        },

+        Object {

+          "data": null,

+          "id": "aria-label",

+          "impact": "critical",

+          "message": "aria-label attribute does not exist or is empty",

+          "relatedNodes": Array [],

+        },

+        Object {

+          "data": null,

+          "id": "aria-labelledby",

+          "impact": "critical",

+          "message": "aria-labelledby attribute does not exist, references elements that do not exist or
references elements that are empty",

+          "relatedNodes": Array [],

+        },

+        Object {

+          "data": Object {

+            "messageKey": "noAttr",

+          },

+          "id": "non-empty-title",

+          "impact": "critical",

+          "message": "Element has no title attribute",

+          "relatedNodes": Array [],

+        },

+        Object {
```

+   "data": Object {

+   "messageKey": "noAttr",

+   },

+   "id": "non-empty-placeholder",

+   "impact": "critical",

+   "message": "Element has no placeholder attribute",

+   "relatedNodes": Array [],

+   },

+   Object {

+   "data": null,

+   "id": "presentational-role",

+   "impact": "critical",

+   "message": "Element's default semantics were not overridden with role=\"none\" or role=\"presentation\"",

+   "relatedNodes": Array [],

+   },

+   ],

+   "failureSummary": "Fix any of the following:

+ Element does not have an implicit (wrapped) <label>

+ Element does not have an explicit <label>

+ aria-label attribute does not exist or is empty

+ aria-labelledby attribute does not exist, references elements that do not exist or references elements that are empty

+ Element has no title attribute

+ Element has no placeholder attribute

+ Element's default semantics were not overridden with role=\"none\" or role=\"presentation\"",

+   "html": "<input type=\"text\" class=\"input\" name=\"username\">",

+   "impact": "critical",

+   "none": Array [],

+   "target": Array [

```
+          "input[type=\"text\"]",
+        ],
+      },
+      Object {
+        "all": Array [],
+        "any": Array [
+          Object {
+            "data": null,
+            "id": "implicit-label",
+            "impact": "critical",
+            "message": "Element does not have an implicit (wrapped) <label>",
+            "relatedNodes": Array [],
+          },
+          Object {
+            "data": null,
+            "id": "explicit-label",
+            "impact": "critical",
+            "message": "Element does not have an explicit <label>",
+            "relatedNodes": Array [],
+          },
+          Object {
+            "data": null,
+            "id": "aria-label",
+            "impact": "critical",
+            "message": "aria-label attribute does not exist or is empty",
+            "relatedNodes": Array [],
+          },
+          Object {
+            "data": null,
+            "id": "aria-labelledby",
```

```
+          "impact": "critical",

+          "message": "aria-labelledby attribute does not exist, references elements that do not exist or
references elements that are empty",

+          "relatedNodes": Array [],

+        },

+        Object {

+          "data": Object {

+            "messageKey": "noAttr",

+          },

+          "id": "non-empty-title",

+          "impact": "critical",

+          "message": "Element has no title attribute",

+          "relatedNodes": Array [],

+        },

+        Object {

+          "data": Object {

+            "messageKey": "noAttr",

+          },

+          "id": "non-empty-placeholder",

+          "impact": "critical",

+          "message": "Element has no placeholder attribute",

+          "relatedNodes": Array [],

+        },

+        Object {

+          "data": null,

+          "id": "presentational-role",

+          "impact": "critical",

+          "message": "Element's default semantics were not overridden with role=\"none\" or
role=\"presentation\"",

+          "relatedNodes": Array [],
```

```
+          },
+       ],
+       "failureSummary": "Fix any of the following:

+  Element does not have an implicit (wrapped) <label>

+  Element does not have an explicit <label>

+  aria-label attribute does not exist or is empty

+  aria-labelledby attribute does not exist, references elements that do not exist or references
elements that are empty

+  Element has no title attribute

+  Element has no placeholder attribute

+  Element's default semantics were not overridden with role=\"none\" or role=\"presentation\"",

+       "html": "<input type=\"password\" class=\"input\" name=\"password\">",

+       "impact": "critical",

+       "none": Array [],

+       "target": Array [

+         "input[type=\"password\"]",

+       ],

+     },

+   ],

+   "tags": Array [

+     "cat.forms",

+     "wcag2a",

+     "wcag412",

+     "section508",

+     "section508.22.n",

+     "TTv5",

+     "TT5.c",

+     "EN-301-549",

+     "EN-9.4.1.2",

+     "ACT",
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+   "RGAAv4",

+   "RGAA-11.1.1",

+   ],

+ },

+ Object {

+   "description": "Ensure the document has a main landmark",

+   "help": "Document should have one main landmark",

+   "helpUrl": "https://dequeuniversity.com/rules/axe/4.11/landmark-one-main?
application=playwright",

+   "id": "landmark-one-main",

+   "impact": "moderate",

+   "nodes": Array [

+   Object {

+   "all": Array [

+   Object {

+   "data": null,

+   "id": "page-has-main",

+   "impact": "moderate",

+   "message": "Document does not have a main landmark",

+   "relatedNodes": Array [],

+   },

+   ],

+   "any": Array [],

+   "failureSummary": "Fix all of the following:

+ Document does not have a main landmark",

+   "html": "<html>",

+   "impact": "moderate",

+   "none": Array [],

+   "target": Array [

+   "html",

```
+        ],
+      },
+    ],
+    "tags": Array [
+      "cat.semantics",
+      "best-practice",
+    ],
+  },
+  Object {
+    "description": "Ensure links have discernible text",
+    "help": "Links must have discernible text",
+    "helpUrl": "https://dequeuniversity.com/rules/axe/4.11/link-name?application=playwright",
+    "id": "link-name",
+    "impact": "serious",
+    "nodes": Array [
+      Object {
+        "all": Array [],
+        "any": Array [
+          Object {
+            "data": null,
+            "id": "has-visible-text",
+            "impact": "serious",
+            "message": "Element does not have text that is visible to screen readers",
+            "relatedNodes": Array [],
+          },
+          Object {
+            "data": null,
+            "id": "aria-label",
+            "impact": "serious",
+            "message": "aria-label attribute does not exist or is empty",
```

+   "relatedNodes": Array [],

+   },

+   Object {

+   "data": null,

+   "id": "aria-labelledby",

+   "impact": "serious",

+   "message": "aria-labelledby attribute does not exist, references elements that do not exist or references elements that are empty",

+   "relatedNodes": Array [],

+   },

+   Object {

+   "data": Object {

+   "messageKey": "noAttr",

+   },

+   "id": "non-empty-title",

+   "impact": "serious",

+   "message": "Element has no title attribute",

+   "relatedNodes": Array [],

+   },

+   ],

+   "failureSummary": "Fix all of the following:

+   Element is in tab order and does not have accessible text

+

+ Fix any of the following:

+   Element does not have text that is visible to screen readers

+   aria-label attribute does not exist or is empty

+   aria-labelledby attribute does not exist, references elements that do not exist or references elements that are empty

+   Element has no title attribute",

+   "html": "<img src=\"images/clear.gif\" width=\"56\" height=\"42\" border=\"0\" class=\"admin\">",

```
+        "impact": "serious",
+        "none": Array [
+          Object {
+            "data": null,
+            "id": "focusable-no-name",
+            "impact": "serious",
+            "message": "Element is in tab order and does not have accessible text",
+            "relatedNodes": Array [],
+          },
+        ],
+        "target": Array [
+          "#topPanel > a[href$=\"admin.htm\"]",
+        ],
+      },
+    ],
+    "tags": Array [
+      "cat.name-role-value",
+      "wcag2a",
+      "wcag244",
+      "wcag412",
+      "section508",
+      "section508.22.a",
+      "TTv5",
+      "TT6.a",
+      "EN-301-549",
+      "EN-9.2.4.4",
+      "EN-9.4.1.2",
+      "ACT",
+      "RGAAv4",
+      "RGAA-6.2.1",
```

+   ],

+ },

+ Object {

+   "description": "Ensure all page content is contained by landmarks",

+   "help": "All page content should be contained by landmarks",

+   "helpUrl": "https://dequeuniversity.com/rules/axe/4.11/region?application=playwright",

+   "id": "region",

+   "impact": "moderate",

+   "nodes": Array [

+   Object {

+   "all": Array [],

+   "any": Array [

+   Object {

+   "data": Object {

+   "isIframe": false,

+   },

+   "id": "region",

+   "impact": "moderate",

+   "message": "Some page content is not contained by landmarks",

+   "relatedNodes": Array [],

+   },

+   ],

+   "failureSummary": "Fix any of the following:

+ Some page content is not contained by landmarks",

+   "html": "<div id=\"topPanel\">",

+   "impact": "moderate",

+   "none": Array [],

+   "target": Array [

+   "#topPanel",

+   ],

+   },
+   Object {
+   "all": Array [],
+   "any": Array [
+   Object {
+   "data": Object {
+   "isIframe": false,
+   },
+   "id": "region",
+   "impact": "moderate",
+   "message": "Some page content is not contained by landmarks",
+   "relatedNodes": Array [],
+   },
+   ],
+   "failureSummary": "Fix any of the following:
+   Some page content is not contained by landmarks",
+   "html": "<div id=\"headerPanel\" style=\"background: url(images/header-main.jpg) 0 0 no-repeat;\">",
+   "impact": "moderate",
+   "none": Array [],
+   "target": Array [
+   "#headerPanel",
+   ],
+   },
+   Object {
+   "all": Array [],
+   "any": Array [
+   Object {
+   "data": Object {
+   "isIframe": false,

+   },
+   "id": "region",
+   "impact": "moderate",
+   "message": "Some page content is not contained by landmarks",
+   "relatedNodes": Array [],
+   },
+   ],
+   "failureSummary": "Fix any of the following:
+   Some page content is not contained by landmarks",
+   "html": "<h2>Customer Login</h2>",
+   "impact": "moderate",
+   "none": Array [],
+   "target": Array [
+   "h2",
+   ],
+   },
+   Object {
+   "all": Array [],
+   "any": Array [
+   Object {
+   "data": Object {
+   "isIframe": false,
+   },
+   "id": "region",
+   "impact": "moderate",
+   "message": "Some page content is not contained by landmarks",
+   "relatedNodes": Array [],
+   },
+   ],
+   "failureSummary": "Fix any of the following:

+   Some page content is not contained by landmarks",

+   "html": "<p>Username</p>",

+   "impact": "moderate",

+   "none": Array [],

+   "target": Array [

+   "p:nth-child(1)",

+   ],

+   },

+   Object {

+   "all": Array [],

+   "any": Array [

+   Object {

+   "data": Object {

+   "isIframe": false,

+   },

+   "id": "region",

+   "impact": "moderate",

+   "message": "Some page content is not contained by landmarks",

+   "relatedNodes": Array [],

+   },

+   ],

+   "failureSummary": "Fix any of the following:

+   Some page content is not contained by landmarks",

+   "html": "<div class=\"login\"><input type=\"text\" class=\"input\"
name=\"username\"></div>",

+   "impact": "moderate",

+   "none": Array [],

+   "target": Array [

+   ".login:nth-child(2)",

+   ],

```
+      },
+      Object {
+        "all": Array [],
+        "any": Array [
+          Object {
+            "data": Object {
+              "isIframe": false,
+            },
+            "id": "region",
+            "impact": "moderate",
+            "message": "Some page content is not contained by landmarks",
+            "relatedNodes": Array [],
+          },
+        ],
+        "failureSummary": "Fix any of the following:
+   Some page content is not contained by landmarks",
+        "html": "<p><b>Password</b></p>",
+        "impact": "moderate",
+        "none": Array [],
+        "target": Array [
+          "form > p:nth-child(3)",
+        ],
+      },
+      Object {
+        "all": Array [],
+        "any": Array [
+          Object {
+            "data": Object {
+              "isIframe": false,
+            },
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+   "id": "region",

+   "impact": "moderate",

+   "message": "Some page content is not contained by landmarks",

+   "relatedNodes": Array [],

+   },

+   ],

+   "failureSummary": "Fix any of the following:

+ Some page content is not contained by landmarks",

+   "html": "<div class=\"login\"><input type=\"password\" class=\"input\" name=\"password\"></div>",

+   "impact": "moderate",

+   "none": Array [],

+   "target": Array [

+   ".login:nth-child(4)",

+   ],

+   },

+   Object {

+   "all": Array [],

+   "any": Array [

+   Object {

+   "data": Object {

+   "isIframe": false,

+   },

+   "id": "region",

+   "impact": "moderate",

+   "message": "Some page content is not contained by landmarks",

+   "relatedNodes": Array [],

+   },

+   ],

+   "failureSummary": "Fix any of the following:

+   Some page content is not contained by landmarks",

+   "html": "<p>Forgot login info?</p>",

+   "impact": "moderate",

+   "none": Array [],

+   "target": Array [

+   "#loginPanel > p:nth-child(2)",

+   ],

+   },

+   Object {

+   "all": Array [],

+   "any": Array [

+   Object {

+   "data": Object {

+   "isIframe": false,

+   },

+   "id": "region",

+   "impact": "moderate",

+   "message": "Some page content is not contained by landmarks",

+   "relatedNodes": Array [],

+   },

+   ],

+   "failureSummary": "Fix any of the following:

+   Some page content is not contained by landmarks",

+   "html": "<p>Register</p>",

+   "impact": "moderate",

+   "none": Array [],

+   "target": Array [

+   "#loginPanel > p:nth-child(3)",

+   ],

+   },

+   Object {
+   "all": Array [],
+   "any": Array [
+   Object {
+   "data": Object {
+   "isIframe": false,
+   },
+   "id": "region",
+   "impact": "moderate",
+   "message": "Some page content is not contained by landmarks",
+   "relatedNodes": Array [],
+   },
+   ],
+   "failureSummary": "Fix any of the following:
+   Some page content is not contained by landmarks",
+   "html": "<div id=\"rightPanel\">
+
+
+
+ <h1 class=\"title\">Error!</h1>
+
+
+
+ <p class=\"error\">An internal error has occurred and has been logged.</p>
+   </div>",
+   "impact": "moderate",
+   "none": Array [],
+   "target": Array [
+   "#rightPanel",
+   ],

```
+        },
+      Object {
+        "all": Array [],
+        "any": Array [
+          Object {
+            "data": Object {
+              "isIframe": false,
+            },
+            "id": "region",
+            "impact": "moderate",
+            "message": "Some page content is not contained by landmarks",
+            "relatedNodes": Array [],
+          },
+        ],
+        "failureSummary": "Fix any of the following:
+  Some page content is not contained by landmarks",
+        "html": "<div id=\"footermainPanel\">",
+        "impact": "moderate",
+        "none": Array [],
+        "target": Array [
+          "#footermainPanel",
+        ],
+      },
+    ],
+    "tags": Array [
+      "cat.keyboard",
+      "best-practice",
+      "RGAAv4",
+      "RGAA-9.2.1",
+    ],
```

```
+  },
+ ]
```

7. Severity:
Minor

8. Suspected Cause:
web page not formatted with accessibility in mind

9. Fix Hypothesis / Suggested Fix:
Add landmarks where they are issues

10. Retest Plan:

- Re-run playwright accessibility test