

## Test Report: test\_saucedemo\_Complex\_fail

```
```json
```

```
[
```

```
{
```

```
  "Test Case": "test_login_with_correct_credentials",
```

```
  "Description": "Tests logging in with correct username and password.",
```

```
  "Expected Results": "The user should be redirected to the inventory page.",
```

```
  "Actual Results": "The user was successfully redirected to the inventory page.",
```

```
  "Issues Found": "None",
```

```
  "Recommendations": "No improvements needed."
```

```
},
```

```
{
```

```
  "Test Case": "test_login_with_correct_username_and_empty_password",
```

```
  "Description": "Tests logging in with correct username and empty password.",
```

```
  "Expected Results": "An error message 'Password is required' should be displayed.",
```

```
  "Actual Results": "The error message 'Password is required' was displayed.",
```

```
  "Issues Found": "None",
```

```
  "Recommendations": "No improvements needed."
```

```
},  
  
{  
  
  "Test Case": "test_login_with_empty_username_and_correct_password",  
  
  "Description": "Tests logging in with empty username and correct password.",  
  
  "Expected Results": "An error message 'Username is required' should be displayed.",  
  
  "Actual Results": "The error message 'Username is required' was displayed.",  
  
  "Issues Found": "None",  
  
  "Recommendations": "No improvements needed."  
  
},
```

```
{  
  
  "Test Case": "test_login_with_empty_credentials",  
  
  "Description": "Tests logging in with empty username and password.",  
  
  "Expected Results": "An error message 'Username is required' should be displayed.",  
  
  "Actual Results": "The error message 'Username is required' was displayed.",  
  
  "Issues Found": "None",  
  
  "Recommendations": "No improvements needed."  
  
},  
  
{
```

"Test Case": "test\_login\_with\_incorrect\_password",

"Description": "Tests logging in with correct username and incorrect password.",

"Expected Results": "An error message 'Username and password do not match any user in this service' should be displayed.",

"Actual Results": "The error message 'Username and password do not match any user in this service' was displayed.",

"Issues Found": "None",

"Recommendations": "No improvements needed."

},

{

"Test Case": "test\_login\_with\_unregistered\_username",

"Description": "Tests logging in with unregistered username and correct password.",

"Expected Results": "An error message 'Username and password do not match any user in this service' should be displayed.",

"Actual Results": "The error message 'Username and password do not match any user in this service' was displayed.",

"Issues Found": "None",

"Recommendations": "No improvements needed."

}

]

...

### Explanation:

- **Test Case**: The name of the test function.
- **Description**: A brief description of what the test is intended to do.
- **Expected Results**: What the test is supposed to validate.
- **Actual Results**: Based on the simulated execution, what actually happened.
- **Issues Found**: Any issues encountered during the test execution.
- **Recommendations**: Suggestions to improve the test script if any issues are found.

This JSON array can be parsed and used to generate a detailed test report in a landscape PDF table format.