Mocker Documentation

# Project Overview

Mocker is a modular test automation framework written in Java, supporting both API and UI testing. It includes integrated reporting, logging, and email notifications to make your test execution pipeline seamless and insightful.

# Features

* API Testing with TestNG
* UI Testing using Playwright/Selenium
* Logging via custom logger and file-based logs
* Rich HTML reports with Extent Reports
* Automated email reports after test runs
* Configurable via XML and property files

# Project Structure

├── pom.xml

├── testng.xml

├──pw-api.xml

├──pw-ui.xml

├──pw-amzn.xml

├── README.md

├── src/

│ ├── main/

│ └── test/

│ ├── java/

│ │ ├── listeners/

│ │ │ └── ExtentTestNGReporter.java

│ │ ├── tests/

│ │ │ └── Api/

│ │ │ ├── T001\_JPH\_API\_Test.java

│ │ │ └── UI/

│ │ │ ├── T002\_JPH\_UI\_Test.java

│ │ │ └── T003\_Amazon \_UI\_Test.java

│ │ └── utils/

│ │ ├── EmailClient.java

│ │ ├── EmailReportBuilder.java

│ │ ├── FileLogger.java

│ │ ├── Logger.java

│ │ └── enums/

│ │ ├── BrowserEngine.java

│ │ └── LogMode.java

│ └── resources/

│ └── extent-config.xml

│ └── smtp.properties

├── logs/

├── reports/

└── test-output/

# Getting Started

Clone the repository:

git clone https://github.com/KhushalJangid/Mocker.git  
cd Mocker

Build the project:

mvn clean install

# Running Tests

Run all tests:

mvn test

Run a specific test:

mvn -Dtest=TestClassName test

Use TestNG suite files:

pw-ui.xml - Run UI tests  
pw-api.xml - Run API tests

# Reports and Logs

Reports are generated using Extent Reports in the 'reports/' folder.  
Logs are saved in 'logs/' and include info, debug, and error logs.

# Email Notifications

Customize settings in EmailClient.java to enable automated test report delivery via email.

# Contributing

1. 1. Fork the repository
2. 2. Create a new branch: git checkout -b feature/YourFeature
3. 3. Commit your changes: git commit -am 'Add new feature'
4. 4. Push to the branch: git push origin feature/YourFeature
5. 5. Open a pull request

# Frequently Asked Questions (FAQs)

Is Email reporting necessary?

* No, Email Reporting is an optional feature that can be configured by adding a smtp.properties file at `src/test/resources/` directory. If the smtp.properties file is not present, email reporting will be skipped and only an Extent Report will be generated in reports/ directory.

# License

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