**Playwright Project Structure:**

**PLAYWRIGHT**

├── .github/ # GitHub-related files (e.g. workflows)

├── .vscode/ # Visual Studio Code settings

├── node\_modules/ # Project dependencies (auto-generated)

├── Pages/ # Page objects for the test automation

│ ├── CTL/ # Page objects related to CTL

│ ├── CTR/ # Page objects related to CTR

│ ├── INV/ # Page objects related to INV

│ ├── SRM/ # Page objects related to SRM

│ ├── homepage.js # Homepage page object

│ ├── INV.js # Another page object for INV

│ └── util.js # Utility functions for page interactions

├── Reports/ # Directory for test reports

├── snaps/ # Screenshots or visual snapshots

├── test-results/ # Directory for storing test results

├── testdata/ # Test data directory

│ └── testdata.properties # Properties file storing test data

├── tests/ # Directory for test scripts

│ ├── CTL/ # Tests related to CTL

│ |── CTL01\_TC01.spec.js # Specific test case for CTL

│ ├── Design\_mode\_DCC-1.spec.js # Test case for Design Mode DCC 1

│ ├── Design\_mode\_DCC-2.spec.js # Test case for Design Mode DCC 2

│ ├── INV/ # Tests related to INV

│ ├── R&D/ # Tests for R&D features

│ |── SRM/ # Tests related to SRM

│ └── New\_Test\_Template.spec.js # New test template for SRM

├── .gitignore # Git ignore file specifying untracked files

├── db.js # Database connection setup or utilities

├── ENV.env # Environment variables for the application

├── package-lock.json # Auto-generated file that locks the project’s dependencies

├── package.json # Node.js package manifest including dependencies

└── playwright.config.js # Playwright configuration file

Configuration file for the project ( should not be Edited/Changed and will be only managed by project owner – If need to modify connect with the project owner first )

/\*\*

 \* Playwright Configuration

 \* @file playwright.config.js

 \* @author : Mayureshwar Kadam

 \* @description : This file contains the configuration for Playwright tests.

 \* @requires path

 \* @requires dotenv

 \* @requires @playwright/test

 \* @exports {import('@playwright/test').Config}

 \*\*/

const path = require('path');

const { defineConfig, devices } = require('@playwright/test');

const dotenv = require('dotenv');

dotenv.config({ path: path.resolve(\_\_dirname, 'ENV.env') });

const uniqueId = new Date().toLocaleString('en-US', { timeZone: 'Asia/Kolkata' }).replace(/[:/,\s]/g, '-');

module.exports = defineConfig({

timeout: 10 \* 8000,

ignoreHTTPSErrors: true,

expect: {

timeout: 15000,

},

testDir: './tests',

fullyParallel: true,

forbidOnly: !!process.env.CI,

retries: process.env.CI ? 2 : 0,

reporter: [

['html', { outputFolder: path.join(\_\_dirname, 'Reports', `html-report-${uniqueId}`), open: 'never' }],

],

use: {

headless: false,

trace: 'on',

video: 'on',

screenshot: 'on',

actionTimeout: 30000,

fullyParallel: true,

deviceScaleFactor: undefined,

viewport: null,

recordVideo: {

dir: path.join(\_\_dirname, 'Reports', 'videos'),

size: { width: 1920, height: 1080 },

},

launchOptions: {

args: ['--start-maximized'],

slowMo: 500,

},

},

workers: 4,

projects: [

{

name: 'chromium',

use: {

...devices['Desktop Chrome'],

headless: false,

trace: 'on',

video: 'on',

screenshot: 'on',

actionTimeout: 30000,

fullyParallel: true,

deviceScaleFactor: undefined,

viewport: null,

recordVideo: {

dir: path.join(\_\_dirname, 'Reports', 'videos'),

size: { width: 1920, height: 1080 },

},

launchOptions: {

args: ['--start-maximized'],

slowMo: 500,

},

},

},

],

});