**AEROLANEC ASSIGNMENT**

Name:Karthik Shankar

Link: <https://demoqa.com/automation-practice-form>

Date:08-08-2025

1.

import { test, expect } from '@playwright/test';

test('test', async ({ page }) => {

await page.getByRole('dialog', { name: 'Thanks for submitting the form' }).click();

await page.goto('https://demoqa.com/automation-practice-form');

await page.getByRole('textbox', { name: 'First Name' }).click();

await page.getByRole('textbox', { name: 'First Name' }).press('CapsLock');

await page.getByRole('textbox', { name: 'First Name' }).fill('K');

await page.getByRole('textbox', { name: 'First Name' }).press('CapsLock');

await page.getByRole('textbox', { name: 'First Name' }).fill('Karthik');

await page.getByRole('textbox', { name: 'Last Name' }).click();

await page.getByRole('textbox', { name: 'Last Name' }).fill('97');

await page.getByRole('textbox', { name: 'name@example.com' }).click();

await page.getByRole('textbox', { name: 'name@example.com' }).fill('karthik97@gmail.com');

await page.getByRole('textbox', { name: 'Mobile Number' }).click();

await page.getByRole('textbox', { name: 'Mobile Number' }).fill('1234567891');

await page.locator('.subjects-auto-complete\_\_value-container').click();

await page.locator('#subjectsInput').press('CapsLock');

await page.locator('#subjectsInput').fill('QA');

await page.locator('#subjectsInput').press('CapsLock');

await page.getByText('Reading').click();

await page.getByRole('textbox', { name: 'Current Address' }).click();

await page.getByRole('textbox', { name: 'Current Address' }).press('CapsLock');

await page.getByRole('textbox', { name: 'Current Address' }).fill('B');

await page.getByRole('textbox', { name: 'Current Address' }).press('CapsLock');

await page.getByRole('textbox', { name: 'Current Address' }).fill('Belthangady');

await page.getByText('NameEmailGenderMaleFemaleOtherMobile(10 Digits)Date of BirthSubjects').click();

await page.locator('#state svg').click();

await page.getByText('NCR', { exact: true }).click();

await page.locator('div').filter({ hasText: /^Select City$/ }).nth(3).click();

await page.getByText('Delhi', { exact: true }).click();

await page.getByRole('button', { name: 'Submit' }).click();

await page.getByText('Male', { exact: true }).click();

await page.getByRole('button', { name: 'Submit' }).click();

});

2.POM

lass RegistrationPage {

    constructor(page) {

      this.page = page;

    }

    async goto() {

      await this.page.goto('https://demoqa.com/automation-practice-form');

    }

    async fillForm(data) {

      const page = this.page;

      await page.fill('Karthik', data.firstName);

      await page.fill('S', data.lastName);

      await page.fill('karthik@gmail.com', data.email);

      await page.locator(`input[name="gender"][value="${data.gender}"]`).check();

      await page.fill('1234567891', data.phone);

      await page.click('08-08-2025');

      await page.selectOption('.react-datepicker\_\_year-select', data.dobYear);

      await page.selectOption('.react-datepicker\_\_month-select', data.dobMonth);

      await page.click(`.react-datepicker\_\_day--0${data.dobDay}`);

      await page.fill('QA', data.subjects);

      await page.keyboard.press('Enter');

      await page.click(`label[for="hobbies-checkbox-${data.hobbyIndex}"]`);

      await page.setInputFiles('a1.png', data.picturePath);

      await page.fill('Belthangady', data.address);

      await page.click('Delhi');

      await page.locator(`div[id^="react-select-3-option"]`, { hasText: data.state }).click();

      await page.click('NCR');

      await page.locator(`div[id^="react-select-4-option"]`, { hasText: data.city }).click();

    }

    async submitForm() {

      await this.page.click('#submit');

    }

3. const { faker } = require('@faker-js/faker');

function generateStudentData() {

const gender = faker.helpers.arrayElement(['Male', 'Female', 'Other']);

const hobbyIndex = faker.datatype.number({ min: 1, max: 3 });

return {

firstName: faker.person.firstName(),

lastName: faker.person.lastName(),

email: faker.internet.email(),

gender,

phone: faker.phone.number('1234567891'),

dobYear: '2025',

dobMonth: 'August',

dobDay: '08',

subjects: 'QA',

hobbyIndex,

picturePath: 'Pixtures/sample.jpg',

address: faker.location.streetAddress(),

state: 'NCR',

city: 'Delhi'

};

}

module.exports = { generateStudentData };

4.Customwait

async function waitForVisible(locator, timeout = 5000) {

await locator.waitFor({ state: 'visible', timeout });

}

module.exports = { waitForVisible };





