**SOFTWARE TESTING**

**(CSE 455)**

**LAB Cypress**

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| **CLASS & SECTION:** | BSSE-7A |
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**Department of Computer Science**

describe("Signup Test Cases", () => {

    beforeEach(() => {

        cy.viewport(1280, 786);

        cy.visit("https://member.daraz.pk/user/register",{timeout:120000});

    })

    it("Check Signup Link Exists", () => {

      cy.contains("signup")

          .should("exist")

          .click();

      cy.contains("Create your Daraz Account")

          .should("exist");

   });

    it.only("Check Fields on Signup Interactable", () => {

       cy.contains("SIGN UP")

            .should("exist")

            .click();

       cy.get(".mod-login-input-phone input")

           .type("03308066763");

       cy.get(".mod-login-input-password input")

           .type("IfraBatool123&");

       cy.get("#month")

           .click();

       cy.contains("October")

           .click();

       cy.get("#day")

           .click();

       cy.contains("05")

           .click();

       cy.get("#year")

           .click();

       cy.contains("2003")

           .click();

       cy.get("#gender")

           .click();

       cy.contains("female")

           .click();

       cy.get(".mod-login-input-name")

           .type("Ifra Batool");

    });

});

describe('Sign In', () => {

  beforeEach(() => {

     cy.viewport(1280, 786);

     cy.visit('https://member.daraz.pk/user/login',{timeout:120000});

  });

  it('Check Sign In Link on Home Page', () => {

      cy.contains("login")

          .should("exist")

  });

  it("Check Login Fields", () => {

     cy.contains("LOGIN")

         .click();

      cy.contains("Error")

          .should("not.exist");

     cy.get("div.mod-login-input-loginName input")

         .type("syedaifra88@gmail.com");

     cy.get("div.mod-input-password input")

         .type("IfraBatool123&");

  });

  it("Check Login Error Shows on Invalid Data", () => {

      cy.contains("login")

          .click();

      cy.contains("Error")

          .should("not.exist");

      cy.get("div.mod-login-input-loginName input")

          .type("asimwattoo6@gmail.com");

      cy.get("div.mod-input-password input")

          .type("asimwattoo123");

      cy.get("div.mod-login-btn > button")

          .click();

      cy.contains("Error")

          .should("exist");

  });

  it.only("Check Login With Number and Password", () => {

      cy.contains("login")

          .click();

      cy.contains("Error")

          .should("not.exist");

      cy.fixture("example.json").then(data => {

          cy.get("div.mod-login-input-loginName input")

              .type("03308066763");

          cy.get("div.mod-input-password input")

              .type("IfraBatool123&");

          cy.get("div.mod-login-btn > button")

              .click();

          cy.url().should("eq", "https://member.daraz.pk/user/login",{timeout:120000});

      });

  });

});

describe("Search and Filter Products", () => {

  beforeEach(() => {

      cy.viewport(1280, 786);

      cy.visit("https://www.daraz.pk",{timeout:120000});

  })

  it("Searching via TextBox", () => {

      cy.get("input#q")

          .should("exist")

          .type("Drones");

      cy.get("a.search-box\_\_button--1oH7")

          .click({force: true});

      cy.get("div.tips--QRnmZ")

          .should("exist")

          .then(element => {

              expect(element.text()).to.include("Drones")

          })

  });

  it("Category Wise Filtering", () => {

      cy.visit("https://www.daraz.pk")

      cy.contains("Electronic Devices")

          .should("exist")

          .click();

      cy.contains("Smart Phones")

          .trigger("mouseover");

      cy.contains("Apple iPhones")

          .click({force: true});

      cy.get(".title--Xj2oo")

          .should("exist")

          .should("include.text", "Apple iPhones")

  });

  it("Product Filtering", () => {

      let brand = "";

      cy.get("input#q")

          .should("exist")

          .type("Drones");

      cy.get("button.search-box\_\_button--1oH7")

          .click();

      cy.get(".checkbox--tqPns.ant-checkbox-wrapper input")

          .first()

          .check();

      cy.get(".checkbox--tqPns.ant-checkbox-wrapper")

          .first()

          .children()

          .last()

          .then(el => {

              brand = el.text();

              cy.get(".ant-tag")

                  .should("include.text", brand);

          })

  });

});