import org.junit.jupiter.api.Assertions;  
import org.junit.jupiter.api.Test;  
import org.openqa.selenium.By;  
import org.openqa.selenium.WebElement;  
import org.openqa.selenium.interactions.Actions;  
  
public class MainPage extends Methods{  
  
 // Checking Registration / Authorization form  
 // URL  
 String urlMainPage = "https://capital.com";  
  
 // License  
 By locatorBtnLicenseMenu = By.*cssSelector*("button.cc-toggleLicense\_\_btn");  
 By locatorBtnLicenseOfASIC = By.*xpath*("//a[contains(@href, 'license')] [contains(., 'ASIC')]");  
 String nameLicenseASIC = "Capital Com Australia Pty Ltd";  
 By locatorBtnLicenseOfFCA = By.*xpath*("//a[contains(@href, 'license')] [contains(., 'FCA')]");  
 String nameLicenseFCA = "Capital Com UK Limited";  
 By locatorBtnLicenseOfCYSEC = By.*xpath*("//a[contains(@href, 'license')] [contains(., 'CYSEC')]");  
 String nameLicenseCYSEC = "Capital Com SV Investments Limited";  
 By locatorBtnLicenseOfNBRB = By.*xpath*("//a[contains(@href, 'license')] [contains(., 'NBRB')]");  
 String nameLicenseNBRB = "Capital Com Bel";  
 By locatorBtnLicenseOfForex = By.*xpath*("//a[contains(@href, 'license')] [contains(., 'Forex')]");  
 String nameLicenseForex = "Smart Forex Broker LLC";  
 By locatorBtnLicenseOfFSA = By.*xpath*("//a[contains(@href, 'license')] [contains(., 'FSA')]");  
 String nameLicenseFSA = "Capital Com Stock and CFD Investing Ltd";  
  
 // Login form  
 By locatorLoginFormH1 = Methods.*locatorLoginFormH1*;  
 By locatorLoginFormFieldEmail = By.*cssSelector*("#l\_overlay input[type = 'email']");  
 By locatorLoginFormFieldPassword = By.*cssSelector*("#l\_overlay input[type = 'password']");  
 By locatorLoginFormBtnCancel = Methods.*locatorLoginFormBtnCancel*;  
  
 // Sign up form  
 By locatorSignUpFormH1 = Methods.*locatorSignUpFormH1*;  
 By locatorSignUpFormFieldEmail = By.*cssSelector*("#s\_overlay input[type = 'email']");  
 By locatorSignUpFormFieldPassword = By.*cssSelector*("#s\_overlay input[type = 'password']");  
 By locatorSignUpFormBtnCancel = Methods.*locatorSignUpFormBtnCancel*;  
  
  
 // Header  
 By locatorHeaderBtnLogIn = By.*cssSelector*("#wg\_loginBtn");  
 By locatorHeaderBtnTradeNow = By.*cssSelector*("a[data-type = 'btn\_header']");  
  
  
 //Main banner (English site version) - START  
 // Slide number 1  
 By locatorMainBannerBtnOne = By.*cssSelector*("button[type = 'button'][data-slick-index = '0']");  
 By locatorMainBannerSlideOneBtnToSignUp = By.*cssSelector*("div[class\*='slick-slide'][data-slick-index = '0'] a[href = '/trading/signup']");  
 // Transfer to Start Trading page (capital.com/trading/signup?go=demo) - UK Limited doesn't have this button  
 By locatorMainBannerSlideOneBtnTransferToStartTrading = By.*cssSelector*("div[class\*='slick-slide'][data-slick-index = '0'] a[href = '/trading/signup?go=demo']");  
  
 // Slide number 2  
 By locatorMainBannerBtnTwo = By.*cssSelector*("button[type = 'button'][data-slick-index = '1']");  
  
 // Slide number 3  
 By locatorMainBannerBtnThree = By.*cssSelector*("button[type = 'button'][data-slick-index = '2']");  
 By locatorMainBannersSlideThreeBtnStartTrading = By.*cssSelector*("div[class\*='slick-slide'][data-slick-index = '2'] a[href = '/trading/signup']");  
 // Transfer to Start Trading page (capital.com/trading/signup?go=demo) - UK Limited doesn't have this button  
 By locatorMainBannerSlideThreeBtnTransferToStartTrading = By.*cssSelector*("div[class\*='slick-slide'][data-slick-index = '2'] a[href = '/trading/signup?go=demo']");  
  
 // Slide number 4  
 By locatorMainBannerBtnFour = By.*cssSelector*("button[type = 'button'][data-slick-index = '3']");  
 //Main banner (English site version) - END  
  
  
 // Widget market - START  
 // Tab Most traded (codeName - mtr, number 0-6)  
 // Tab Commodities (codeName - com, number 7-13)  
 // Tab Indices (codeName - ind, number 14-20)  
 // Tab Shares (codeName - shar, number 21-27)  
 // Tab Forex (codeName - fx, number 28-34)  
 // Tab ETFs (codeName - etf, number 35-41)  
  
 By locatorTradingInstrumentWidgetTabMostTraded = By.*xpath*("//div[contains(@class,'tab-list')]//a[.='Most traded']");  
 By locatorTradingInstrumentWidgetTabCommodities = By.*xpath*("//div[contains(@class,'tab-list')]//a[.='Commodities']");  
 By locatorTradingInstrumentWidgetTabIndices = By.*xpath*("//div[contains(@class,'tab-list')]//a[.='Indices']");  
 By locatorTradingInstrumentWidgetTabCryptocurrencies = By.*xpath*("//div[contains(@class,'tab-list')]//a[.='Cryptocurrencies']");  
 By locatorTradingInstrumentWidgetTabShares = By.*xpath*("//div[contains(@class,'tab-list')]//a[.='Shares']");  
 By locatorTradingInstrumentWidgetTabForex = By.*xpath*("//div[contains(@class,'tab-list')]//a[.='Forex']");  
 By locatorTradingInstrumentWidgetTabETFs = By.*xpath*("//div[contains(@class,'tab-list')]//a[.='ETFs']");  
 String locatorXPathWidgetMarketBtnTrade1 = "//div[contains(@class,'";  
 String locatorXPathWidgetMarketBtnTrade2 = "')]/div[";  
 String locatorXPathWidgetMarketBtnTrade3 = "]/a[.='Trade']";  
 int amountTradingInstrumentsOnTab = 7;  
 // Widget market - END  
  
  
// Tests registration elements in Header  
 @Test  
 public void checkingBtnLogInOnPageHeader() {  
 goToPageAndCheckingUrl(urlMainPage);  
 checkLicense(locatorBtnLicenseMenu, nameLicenseFCA, locatorBtnLicenseOfFCA);  
  
 checkingVisibilityOfBtnAndClickingIt(locatorHeaderBtnLogIn);  
 timeOut(1);  
 checkingAppearanceLoginForm();  
 }  
  
 @Test  
 public void checkingBtnTradeNowOnPageHeader() {  
 goToPageAndCheckingUrl(urlMainPage);  
 checkLicense(locatorBtnLicenseMenu, nameLicenseFCA, locatorBtnLicenseOfFCA);  
  
 checkingVisibilityOfBtnAndClickingIt(locatorHeaderBtnTradeNow);  
 timeOut(1);  
 checkingAppearanceSingUpForm();  
 }  
  
 //Tests registration elements in Main banner  
 @Test  
 public void checkingBtnOpenAccountOnMainBannerTabOne() {  
 goToPageAndCheckingUrl(urlMainPage);  
 checkLicense(locatorBtnLicenseMenu, nameLicenseFCA, locatorBtnLicenseOfFCA);  
  
 *driver*.findElement(locatorMainBannerBtnOne).click();  
 checkingVisibilityOfBtnAndClickingIt(locatorMainBannerSlideOneBtnToSignUp);  
 timeOut(1);  
 checkingAppearanceSingUpForm();  
 }  
  
 @Test  
 public void checkingBtnStartTradingOnMainBannerTabThree() {  
 goToPageAndCheckingUrl(urlMainPage);  
 checkLicense(locatorBtnLicenseMenu, nameLicenseFCA, locatorBtnLicenseOfFCA);  
  
 *driver*.findElement(locatorMainBannerBtnThree).click();  
 checkingVisibilityOfBtnAndClickingIt(locatorMainBannersSlideThreeBtnStartTrading);  
 timeOut(1);  
 checkingAppearanceSingUpForm();  
 }  
  
 //Tests registration elements in Trading instrument widget  
 @Test  
 public void checkingBtnsTradeOnTradingInstrumentWidgetTabMostTraded() {  
 String codeName = "Most";  
 goToPageAndCheckingUrl(urlMainPage);  
 checkLicense(locatorBtnLicenseMenu, nameLicenseFCA, locatorBtnLicenseOfFCA);  
 timeOut(3);  
  
 checkingVisibilityOfBtnAndClickingIt(locatorTradingInstrumentWidgetTabMostTraded);  
 for (int number = 1; number <= amountTradingInstrumentsOnTab; number++) {  
 checkingVisibilityOfBtnAndClickingIt(By.*cssSelector*(  
 locatorXPathWidgetMarketBtnTrade1 + codeName  
 + locatorXPathWidgetMarketBtnTrade2 + number + locatorXPathWidgetMarketBtnTrade3));  
 timeOut(1);  
 checkingAppearanceSingUpForm();  
 System.*out*.println("Окончен цикл " + number);  
 }  
 }  
  
  
  
  
  
  
  
}