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| --- |
| from selenium.webdriver import ActionChains |
|  | from selenium.webdriver.support.ui import WebDriverWait |
|  | from selenium.webdriver.support import expected\_conditions as EC |
|  |  |
|  |  |
|  | class BasePage: |
|  | def \_\_init\_\_(self, driver): |
|  | self.driver = driver |
|  |  |
|  | #найти элемент и кликнуть по нему |
|  | def find\_click(self, by\_locator): |
|  | WebDriverWait(self.driver, 5).until(EC.visibility\_of\_element\_located(by\_locator)).click() |
|  |  |
|  | # Проверить видимость элемента |
|  | def is\_visible(self, by\_locator) -> bool: |
|  | element = WebDriverWait(self.driver, 10).until(EC.visibility\_of\_element\_located(by\_locator)) |
|  | return bool(element) |
|  |  |
|  | # # Проверить видимость элемента |
|  | # def move\_to\_element(self, by\_locator): |
|  | # WebDriverWait(self.driver, 10).until(EC.visibility\_of\_element\_located(by\_locator)).move\_to\_element() |
|  |  |
|  | #Ввод данных в строку ввода |
|  | def input\_keys(self, by\_locator, text): |
|  | WebDriverWait(self.driver, 5).until(EC.visibility\_of\_element\_located(by\_locator)).send\_keys(text) |
|  |  |
|  | #Получить заголовок окна |
|  | def get\_windows\_title(self, text) -> bool: |
|  | element = windows\_title = WebDriverWait(self.driver, 5).until(EC. title\_contains(text)) |
|  | return bool(element) |
|  |  |
|  | #Получить атрибут текст элемента |
|  | def get\_text\_of\_element(self, by\_locator): |
|  | element = WebDriverWait(self.driver, 10).until(EC.visibility\_of\_element\_located(by\_locator)) |
|  | return element.text |
|  |  |
|  | #Найти элемент |
|  | def find\_one\_element(self, by\_locator): |
|  | element = WebDriverWait(self.driver, 10).until(EC.visibility\_of\_element\_located(by\_locator)) |
|  | return element |
|  |  |
|  | #Отобразить суб-меню , перейти в нем к кнопке = только вход на главную страницу |
|  | def click\_catalog\_move\_to\_submenu(self, by\_locator, submenu\_locator): |
|  | main\_menu = self.find\_one\_element(by\_locator) |
|  | submenu = self.find\_one\_element(submenu\_locator) |
|  | action = ActionChains(self.driver) |
|  | action.move\_to\_element(main\_menu) |
|  | action.click(main\_menu).perform() |
|  | action = ActionChains(self.driver) |
|  | WebDriverWait(self.driver, 10).until(EC.element\_to\_be\_clickable(submenu)) |
|  | action.click(submenu).perform() |
|  |  |
|  | # #Отобразить суб-меню , перейти в нем к кнопке - вход на глав.стр и клик по кнопке Каталог |
|  | # def click\_catalog\_move\_to\_submenu(self, by\_locator, submenu\_locator): |
|  | # main\_menu = self.find\_one\_element(by\_locator) |
|  | # action = ActionChains(self.driver) |
|  | # action.move\_to\_element(main\_menu) |
|  | # action.click(main\_menu).perform() |
|  | # action = ActionChains(self.driver) |
|  | # submenu = WebDriverWait(self.driver, 10).until(EC.element\_to\_be\_clickable(submenu\_locator)) |
|  | # action.click(submenu).perform() |
|  |  |
|  | ##Очистить поле ввода, ввод текста и нажать Enter |
|  | def clear\_field\_and\_send\_text\_with\_enter(self, by\_locator, text): |
|  | input\_field = WebDriverWait(self.driver, 10).until(EC.visibility\_of\_element\_located(by\_locator)) |
|  | action = ActionChains(self.driver) |
|  | action.move\_to\_element(input\_field).click().pause(5) |
|  | #action.perform() |
|  | input\_field.clear() |
|  | input\_field.send\_keys(text) |
|  | input\_field.send\_keys(u'\ue007') |
|  | #input\_field.send\_keys(Keys.ENTER) |
|  |  |
|  | ##Очистить поле ввода, ввод текста |
|  | def clear\_field\_and\_send\_text(self, by\_locator, text): |
|  | input\_field = WebDriverWait(self.driver, 10).until(EC.visibility\_of\_element\_located(by\_locator)) |
|  | action = ActionChains(self.driver) |
|  | action.move\_to\_element(input\_field).click().pause(5) |
|  | #action.perform() |
|  | input\_field.clear() |
|  | input\_field.send\_keys(text) |
|  |  |
|  | #Дождаться полного списка элементов |
|  | def find\_all\_elements(self, by\_locator): |
|  | elements = WebDriverWait(self.driver, 10).until(EC.presence\_of\_all\_elements\_located(by\_locator)) |
|  | return elements |
|  |  |
|  | #Отобразить popup окно |
|  | def show\_popup\_window(self, by\_locator): |
|  | main\_menu = self.find\_one\_element(by\_locator) |
|  | action = ActionChains(self.driver) |
|  | action.move\_to\_element(main\_menu).perform() |
|  |  |
|  | #Убрать курсор с элемента |
|  | def put\_away\_from\_element(self, by\_locator): |
|  | element\_to\_move = self.find\_one\_element(by\_locator) |
|  | action = ActionChains(self.driver) |
|  | action.move\_to\_element(element\_to\_move).perform() |
|  |  |
|  | #Проверить невидимость элемента |
|  | def isnt\_visible(self, by\_locator) -> bool: |
|  | element = WebDriverWait(self.driver, 10).until(EC.invisibility\_of\_element\_located(by\_locator)) |
|  | return bool(element) |