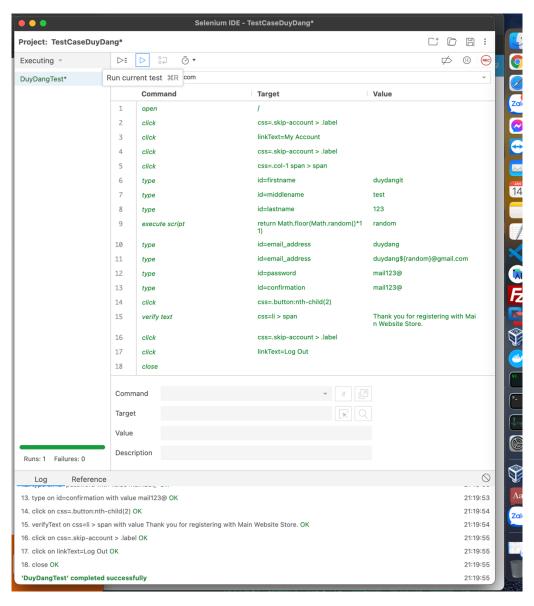
MSSV: 1815060002

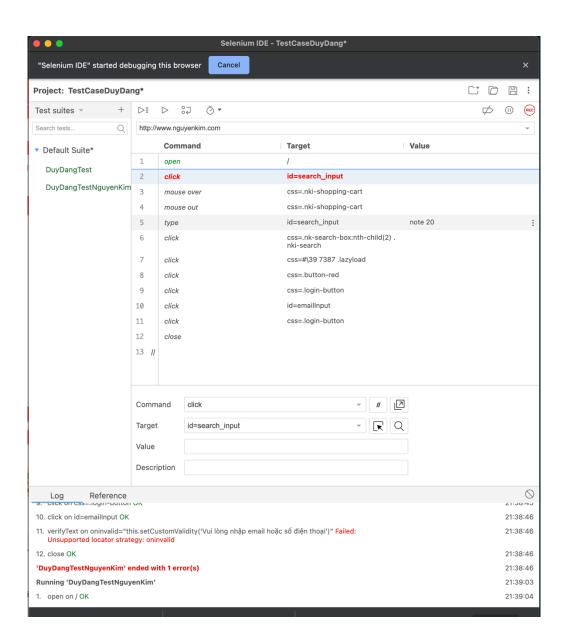
Họ Tên: Đặng Ngọc Duy

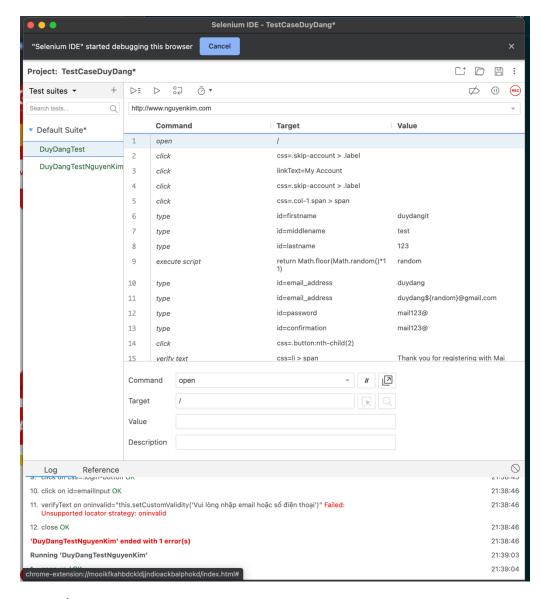
Lớp: 18HTHA1

CÔNG CỤ VÀ MÔI TRƯỜNG PHÁT TRIỂN PHẦN MỀM SELENIUM

1. Test suite, Test case site gruru99 và Nguyễn Kim







2. Test project export

```
{
  "id": "8bdeabb0-eace-4315-95ef-5dd9dfe9be0d",
  "version": "2.0",
  "name": "TestCaseDuyDang",
  "url": "http://www.nguyenkim.com",
  "tests": [{
  "id": "de320cf9-db67-4ef4-98db-f0e504c91c5d",
```

```
"name": "DuyDangTest",
"commands": [{
 "id": "f6e6bf9b-bc8d-41ed-92e6-a6962afe36b4",
 "comment": "",
 "command": "open",
 "target": "/",
 "targets": [],
 "value": ""
}, {
 "id": "87c26b5b-f9ea-46bc-8f8d-c216681992d1",
 "comment": "",
 "command": "click",
 "target": "css=.skip-account > .label",
 "targets": [
  ["css=.skip-account > .label", "css:finder"],
  ["xpath=//header[@id='header']/div/div[2]/div/a/span[2]", "xpath:idRelative"],
  ["xpath=//div[2]/div/a/span[2]", "xpath:position"]
 ],
 "value": ""
}, {
 "id": "3657a002-ee6f-4cbb-a5f5-b3b5d54a35ee",
 "comment": "",
 "command": "click",
 "target": "linkText=My Account",
 "targets": [
  ["linkText=My Account", "linkText"],
  ["css=ul:nth-child(1) > .first > a", "css:finder"],
```

```
["xpath=//a[contains(text(),'My Account')]", "xpath:link"],
    ["xpath=//div[@id='header-account']/div/ul/li/a", "xpath:idRelative"],
    ["xpath=(//a[@href='http://live.demoguru99.com/index.php/customer/account/'])[2]",
"xpath:href"],
    ["xpath=//ul/li/a", "xpath:position"],
    ["xpath=//a[contains(.,'My Account')]", "xpath:innerText"]
   ],
   "value": ""
  }, {
   "id": "d0a67616-0636-4cd2-bac4-3525876a18e0",
   "comment": "",
   "command": "click",
   "target": "css=.skip-account > .label",
   "targets": [
    ["css=.skip-account > .label", "css:finder"],
    ["xpath=//header[@id='header']/div/div[2]/div/a/span[2]", "xpath:idRelative"],
    ["xpath=//div[2]/div/a/span[2]", "xpath:position"]
   ],
   "value": ""
  }, {
   "id": "5d2171e1-f1bf-4456-8926-6cabef3d6a9e",
   "comment": "",
   "command": "click",
   "target": "css=.col-1 span > span",
   "targets": [
    ["css=.col-1 span > span", "css:finder"],
    ["xpath=//form[@id='login-form']/div/div/div[2]/a/span/span", "xpath:idRelative"],
```

```
["xpath=//a/span/span", "xpath:position"]
 ],
 "value": ""
}, {
 "id": "9147fa2a-9407-44b2-abed-45a4037fd722",
 "comment": "",
 "command": "type",
 "target": "id=firstname",
 "targets": [],
 "value": "duydangit"
}, {
 "id": "ee80688d-440d-461c-b3bb-4c4fcba42169",
 "comment": "",
 "command": "type",
 "target": "id=middlename",
 "targets": [
  ["id=middlename", "id"],
  ["name=middlename", "name"],
  ["css=#middlename", "css:finder"],
  ["xpath=//input[@id='middlename']", "xpath:attributes"],
  ["xpath=//form[@id='form-validate']/div/ul/li/div/div[2]/div/input", "xpath:idRelative"],
  ["xpath=//div[2]/div/input", "xpath:position"]
 ],
 "value": "test"
}, {
 "id": "07c6c87d-ad84-4376-99c9-a90afc6740cd",
 "comment": "",
```

```
"command": "type",
 "target": "id=lastname",
 "targets": [
  ["id=lastname", "id"],
  ["name=lastname", "name"],
  ["css=#lastname", "css:finder"],
  ["xpath=//input[@id='lastname']", "xpath:attributes"],
  ["xpath=//form[@id='form-validate']/div/ul/li/div/div[3]/div/input", "xpath:idRelative"],
  ["xpath=//div[3]/div/input", "xpath:position"]
 ],
 "value": "123"
}, {
 "id": "8cb482bc-54f6-45db-8208-0aaacca7b617",
 "comment": "",
 "command": "executeScript",
 "target": "return Math.floor(Math.random()*11)",
 "targets": [],
 "value": "random"
}, {
 "id": "06e81322-0068-474a-aad1-9038030a2551",
 "comment": "",
 "command": "type",
 "target": "id=email_address",
 "targets": [],
 "value": "duydang"
}, {
 "id": "fd2af836-a973-4aea-b235-8fb0bc9970a9",
```

```
"comment": "",
 "command": "type",
 "target": "id=email address",
 "targets": [
  ["id=email_address", "id"],
  ["name=email", "name"],
  ["css=#email address", "css:finder"],
  ["xpath=//input[@id='email_address']", "xpath:attributes"],
  ["xpath=//form[@id='form-validate']/div/ul/li[2]/div/input", "xpath:idRelative"],
  ["xpath=//li[2]/div/input", "xpath:position"]
 ],
 "value": "duydang${random}@gmail.com"
}, {
 "id": "43ada2f5-f2fd-4fab-a097-801780debd74",
 "comment": "",
 "command": "type",
 "target": "id=password",
 "targets": [
  ["id=password", "id"],
  ["name=password", "name"],
  ["css=#password", "css:finder"],
  ["xpath=//input[@id='password']", "xpath:attributes"],
  ["xpath=//form[@id='form-validate']/div/ul/li[3]/div/div/input", "xpath:idRelative"],
  ["xpath=//li[3]/div/div/input", "xpath:position"]
 ],
 "value": "mail123@"
}, {
```

```
"id": "63c0a815-3d2a-47fd-8792-85c3e66914e6",
 "comment": "",
 "command": "type",
 "target": "id=confirmation",
 "targets": [
  ["id=confirmation", "id"],
  ["name=confirmation", "name"],
  ["css=#confirmation", "css:finder"],
  ["xpath=//input[@id='confirmation']", "xpath:attributes"],
  ["xpath=//form[@id='form-validate']/div/ul/li[3]/div[2]/div/input", "xpath:idRelative"],
  ["xpath=//li[3]/div[2]/div/input", "xpath:position"]
 ],
 "value": "mail123@"
}, {
 "id": "1f73ba11-e824-4e07-b4a8-e846812ff050",
 "comment": "",
 "command": "click",
 "target": "css=.button:nth-child(2)",
 "targets": [
  ["css=.button:nth-child(2)", "css:finder"],
  ["xpath=(//button[@type='submit'])[2]", "xpath:attributes"],
  ["xpath=//form[@id='form-validate']/div[2]/button", "xpath:idRelative"],
  ["xpath=//div[2]/button", "xpath:position"]
 ],
 "value": ""
}, {
 "id": "c58f244f-76dd-461c-a340-eb0b5057583a",
```

```
"comment": "",
   "command": "verifyText",
   "target": "css=li > span",
   "targets": [
    ["css=li > span", "css:finder"],
    ["xpath=//html[@id='top']/body/div[3]/div/div[2]/div/div[2]/div/div/ul/li/ul/li/span",
"xpath:idRelative"],
    ["xpath=//li/span", "xpath:position"],
    ["xpath=//span[contains(.,'Thank you for registering with Main Website Store.')]",
"xpath:innerText"]
   ],
   "value": "Thank you for registering with Main Website Store."
  }, {
   "id": "a4d09cb8-1c0e-4489-a070-6b61b096ce51",
   "comment": "",
   "command": "click",
   "target": "css=.skip-account > .label",
   "targets": [
    ["css=.skip-account > .label", "css:finder"],
    ["xpath=//header[@id='header']/div/div[2]/div/a/span[2]", "xpath:idRelative"],
    ["xpath=//div[2]/div/a/span[2]", "xpath:position"]
   ],
   "value": ""
  }, {
   "id": "54980fe5-ac31-4a75-bc35-3647f899657a",
   "comment": "",
   "command": "click",
   "target": "linkText=Log Out",
```

```
"targets": [
    ["linkText=Log Out", "linkText"],
    ["css=.last:nth-child(5) > a", "css:finder"],
    ["xpath=//a[contains(text(),'Log Out')]", "xpath:link"],
    ["xpath=//div[@id='header-account']/div/ul/li[5]/a", "xpath:idRelative"],
    ["xpath=//a[@href='http://live.demoguru99.com/index.php/customer/account/logout/']",
"xpath:href"],
    ["xpath=//li[5]/a", "xpath:position"],
    ["xpath=//a[contains(.,'Log Out')]", "xpath:innerText"]
   ],
   "value": ""
  }, {
   "id": "ca50398d-1205-4986-bc63-aa75452c5a4c",
   "comment": "",
   "command": "close",
   "target": "",
   "targets": [],
   "value": ""
 }]
 }, {
  "id": "d56ce97d-625f-466e-8923-b879730ab962",
  "name": "DuyDangTestNguyenKim",
  "commands": [{
   "id": "290cf4d6-b9ee-4503-9bb9-37bffa9f0853",
   "comment": "",
   "command": "open",
   "target": "/",
```

```
"targets": [],
 "value": ""
}, {
 "id": "7d3edf4a-75c4-4c34-9890-0b46cfb9f571",
 "comment": "",
 "command": "click",
 "target": "id=search input",
 "targets": [
  ["id=search input", "id"],
  ["name=q", "name"],
  ["css=#search input", "css:finder"],
  ["xpath=//input[@id='search input']", "xpath:attributes"],
  ["xpath=//div[@id='nk-search']/form/div/input", "xpath:idRelative"],
  ["xpath=//form/div/input", "xpath:position"]
 ],
 "value": ""
}, {
 "id": "f325ee19-87b8-4ac7-957d-c26cc98ea463",
 "comment": "",
 "command": "mouseOver",
 "target": "css=.nki-shopping-cart",
 "targets": [
  ["css=.nki-shopping-cart", "css:finder"],
  ["xpath=//div[@id='nk-cart']/ul/li/a/div/i", "xpath:idRelative"],
  ["xpath=//div/i", "xpath:position"]
 ],
 "value": ""
```

```
}, {
 "id": "daea5f09-f3a8-4ff4-8e18-860c5ec0a85f",
 "comment": "",
 "command": "mouseOut",
 "target": "css=.nki-shopping-cart",
 "targets": [
  ["css=.nki-shopping-cart", "css:finder"],
  ["xpath=//div[@id='nk-cart']/ul/li/a/div/i", "xpath:idRelative"],
  ["xpath=//div/i", "xpath:position"]
 ],
 "value": ""
}, {
 "id": "21e12a78-c45b-4e5b-82dc-422cc7ec4da1",
 "comment": "",
 "command": "type",
 "target": "id=search input",
 "targets": [
  ["id=search input", "id"],
  ["name=q", "name"],
  ["css=#search_input", "css:finder"],
  ["xpath=//input[@id='search input']", "xpath:attributes"],
  ["xpath=//div[@id='nk-search']/form/div/input", "xpath:idRelative"],
  ["xpath=//form/div/input", "xpath:position"]
 ],
 "value": "note 20"
}, {
 "id": "1d49d6c6-90be-4a67-ad30-3033bc83c558",
```

```
"comment": "",
 "command": "click",
 "target": "css=.nk-search-box:nth-child(2) .nki-search",
 "targets": [
  ["css=.nk-search-box:nth-child(2) .nki-search", "css:finder"],
  ["xpath=//div[@id='nk-search']/form/div/button/i", "xpath:idRelative"],
  ["xpath=//form/div/button/i", "xpath:position"]
 ],
 "value": ""
}, {
 "id": "4396d6d0-d19e-4129-bb78-041ae085ffc9",
 "comment": "",
 "command": "click",
 "target": "css=#\\39 7387 .lazyload",
 "targets": [
  ["css=#\\39 7387 .lazyload", "css:finder"],
  ["xpath=(//img[@alt='dien-thoai-samsung-galaxy-note-20-dong-1'])[2]", "xpath:img"],
  ["xpath=//div[@id='97387']/a/div/div[2]/img", "xpath:idRelative"],
  ["xpath=//div[2]/img", "xpath:position"]
 ],
 "value": ""
}, {
 "id": "18f8b810-b4a3-45c6-a565-4aeddd7cc4a6",
 "comment": "",
 "command": "click",
 "target": "css=.button-red",
 "targets": [
```

```
["css=.button-red", "css:finder"],
["xpath=//div[@id='tygh main container']/div[2]/div/div/div/div/div/div/div/div/div/2]/div[2]/div
v/div[2]/div[2]/button", "xpath:idRelative"],
    ["xpath=//div[2]/div/div[2]/button", "xpath:position"],
    ["xpath=//button[contains(.,'Thêm vào giỏ hàng')]", "xpath:innerText"]
   ],
   "value": ""
  }, {
   "id": "9d4271e2-d243-4e21-a6aa-91c01f84e5d0",
   "comment": "",
   "command": "click",
   "target": "css=.login-button",
   "targets": [
    ["css=.login-button", "css:finder"],
    ["xpath=//div[@id='login-tab']/div/form/div[4]/button", "xpath:idRelative"],
    ["xpath=//button", "xpath:position"]
   ],
   "value": ""
  }, {
   "id": "da783ab2-c67f-48d1-9609-c12f9ddcfca0",
   "comment": "",
   "command": "click",
   "target": "id=emailInput",
   "targets": [
    ["id=emailInput", "id"],
    ["name=user login", "name"],
    ["css=#emailInput", "css:finder"],
```

```
["xpath=//input[@id='emailInput']", "xpath:attributes"],
  ["xpath=//div[@id='login-tab']/div/form/div/input", "xpath:idRelative"],
  ["xpath=//div/input", "xpath:position"]
 ],
 "value": ""
}, {
 "id": "e943dc3c-f7aa-47ef-8a08-c54f72bee4e2",
 "comment": "",
 "command": "click",
 "target": "css=.login-button",
 "targets": [
  ["css=.login-button", "css:finder"],
  ["xpath=//div[@id='login-tab']/div/form/div[4]/button", "xpath:idRelative"],
  ["xpath=//button", "xpath:position"]
 ],
 "value": ""
}, {
 "id": "9041ca93-4ac0-4071-a28a-87bdb040f3ec",
 "comment": "",
 "command": "close",
 "target": "",
 "targets": [],
 "value": ""
}, {
 "id": "ca8416b2-6de7-426e-b836-ca18bffc0003",
 "comment": "",
 "command": "",
```

```
"target": "",
   "targets": [],
   "value": ""
  }]
 }],
 "suites": [{
  "id": "79a31bff-9c14-45b5-a6cb-eed73a5c5aca",
  "name": "Default Suite",
  "persistSession": false,
  "parallel": false,
  "timeout": 300,
  "tests":
               ["de320cf9-db67-4ef4-98db-f0e504c91c5d", "d56ce97d-625f-466e-8923-
b879730ab962"]
}],
"urls": ["http://live.demoguru99.com/", "http://www.nguyenkim.com/"],
"plugins": []
}
```

<!--The End-->