Test Educat Modul Core Tester : M Munir Tanggal : 7 Des 2020

1. Source code_test_core_common.py

```
from odoo.tests import common
A class TestCoreCommon(common.SavepointCase):
    def setUp(self):
          super(TestCoreCommon, self).setUp()
2
          self.op_batch = self.env['op.batch']
3
          self.op_faculty = self.env['op.faculty']
4
          self.op_course = self.env['op.course']
5
          self.res_company = self.env['res.users']
6
          self.op_student = self.env['op.student']
          self.hr_emp = self.env['hr.employee']
8
          self.subject_registration = self.env['op.subject.registration']
          self.op_update = self.env['publisher_warranty.contract']
9
10
          self.employ_wizard = self.env['wizard.op.faculty.employee']
          self.faculty_user_wizard = self.env['wizard.op.faculty']
11
          self.studnet_wizard = self.env['wizard.op.student']
12
```

test core.py

```
from .test_core_common import TestCoreCommon
B class TestCore(TestCoreCommon):
    def setUp(self):
          super(TestCore, self).setUp()
    def test_case_1_batch(self):
          batchs = self.op_batch.search([])
          for batch in batchs:
              batch.check dates()
              batch.name_search('BOA-S1')
    def test_case_2_course(self):
          courses = self.op_course.search([])
          for course in courses:
              course.get_import_templates()
    def test_case_3_faculty(self):
          faculty = self.op_faculty.search([])
```

```
new_faculty = self.op_faculty.create({
         'partner_id': self.env.ref('openeducat_core.op_res_partner_30').id,
        'first_name': 'binapshah',
'last_name': 'kalol',
         'birth_date': '2009-01-01',
         'gender': 'male',
    })
      new_faculty._onchange_name()
      for rec in faculty:
          rec._check_birthdate()
          rec._onchange_name()
          rec.create_employee()
          rec.get_import_templates()
def test_case_4_hr_employe(self):
      employs = self.hr_emp.search([])
      for employ in employs:
          employ.onchange_user()
          employ.onchange_address_id()
def test_case_5_res_company(self):
      users = self.res_company.search([])
      record = self.env.ref('openeducat_core.op_faculty_1'),
      users.create_user(record)
def test_case_6_student(self):
      students = self.op_student.search([])
      vals = {
        'first_name': 'nikul',
        'middle_name': 'm',
        'last_name': 'ahir'
        'birth date': '1999-01-01',
        'gender': 'm',
        'partner_id': self.env.ref('openeducat_core.op_res_partner_14').id
      new_student = self.op_student.create(vals)
      for student in students:
          student._onchange_name()
          student._check_birthdate()
          student.get_import_templates()
      new student.create student user()
def test_case_7_subject_registartion(self):
      vals = {
        'student_id': self.env.ref('openeducat_core.op_student_1').id,
        'course_id': self.env.ref('openeducat_core.op_course_2').id,
        'batch_id': self.env.ref('openeducat_core.op_batch_1').id,
      registrations = self.subject_registration.create(vals)
      for registration in registrations:
          registration.action_reset_draft()
          registration.action_reject()
          registration.action_approve()
          registration.action_submitted()
          registration.get_subjects()
```

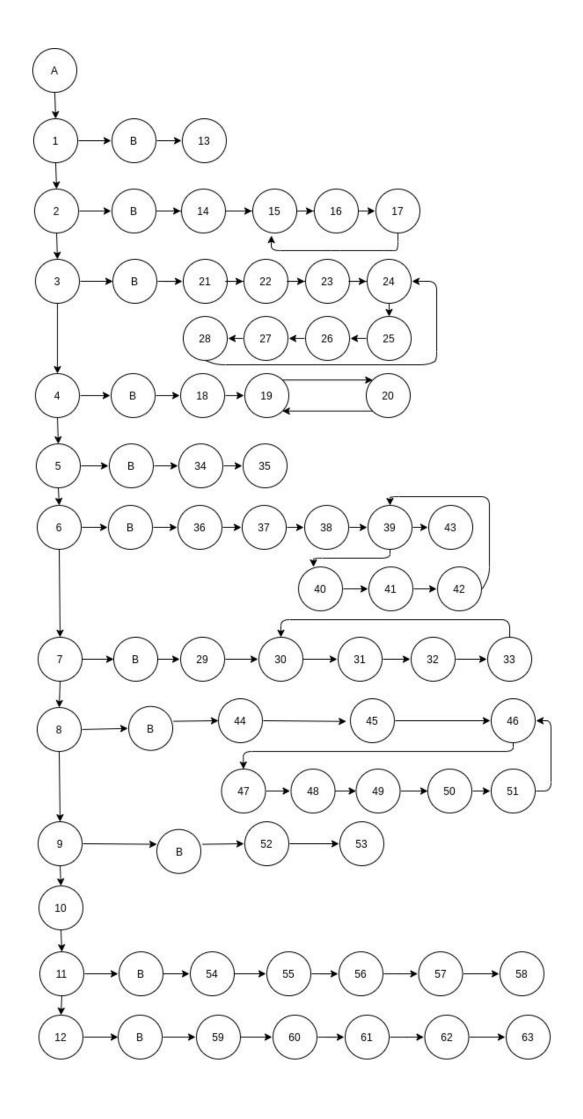
```
def test_case_8_update(self):
    self.op_update._get_message()
    self.op_update.update_notification(cron_mode=True)

def test_case_9_faculty_user_wizard(self):

faculty_id = self.env.ref('openeducat_core.op_faculty_2')
    vals = {'faculty_ids': [(6, 0, [faculty_id.id])]}
    faculty = self.faculty_user_wizard.create(vals)
    faculty._get_faculties()
    faculty.create_faculty_user()

def test_case_10_studnet_wizard(self):
    student_id = self.env.ref('openeducat_core.op_student_1')
    vals = {'student_ids': [(6, 0, [student_id.id])]}
    student = self.studnet_wizard.create(vals)
    student._get_students()
    student.create_user()
```

2.	FlowGraph	



3. Cyclometic Complex
$$V(G) = E - N + 2$$

= 80 - 75 + 2
= 7

4. Test Case

No	Data Uji	Keluaran Yang Diharapkan	Hasil Uji
1	BOA-S1	Menemukan data batch yg dicari	valid
2	TEST	Menemukan data course	valid
3	first_name = binapshah		valid
	last_name = kalol	Insert data to fakultas	
	$birth_date = 2009-01-01$	insert data to rakultas	
	gender = male		
4	munir	menemukan data pegawai	valid
5	pt nakula sadewa	menemukan perusahaan user lalu	
	pt Hakula Saucwa	menyimpan data user	
6	first_name = nikul	mencari data student	valid
	middle_name = m		
	last_name= ahir	menyimapan data student	
	birth_date =1999-01-01	lilenyimapan data student	
	gender = m		
7	test	Regrisatrasi kursus	valid
	update	menerima notiifkasi	valid
9		menampikan data fakultas ids	valid
10		menampilan data user menurut ids	valid