Mohamed El Mhamdi

UF2_PR5 – Relacions i vista form

Mohamed El Mhamdi

Exercici 1:

Afegeix les relacions a les entitats per a que es compleixi el diagrama ER d'ambdós mòduls.

Mòdul Zoo:

```python
# zoo_zoo.py
modul_zoo > models > zoo_zoo.py > zoo_zoo
from odoo import models, fields
class zoo_zoo(models.Model):
    _name = 'zoo.zoo'
    name = fields.Char(compute = '_get_name', string='name', readonly='True', store=False)
    id = fields.Integer('Id', required=True)
    grandaria = fields.Float('grandaria')
    nom = fields.Char('nom')
    ciutat = fields.Char('ciutat')
    pais = fields.Char('pais')
    animal_ids = fields.one2Many('zoo.animal', 'zoo_id', string="Animals")

    def _get_name(self):
        for record in self:
            record.name = str(record.name)
```

```python
# zoo_animal.py
modul_zoo > models > zoo_animal.py > ...
from odoo import models, fields
class zoo_animal(models.Model):
    _name = 'zoo.animal'
    name = fields.Char(compute = '_get_name', string='name', readonly='True', store=False)
    id = fields.Integer('Id', required=True)
    continentOrigen = fields.Char('Continent Origen')
    datanaix = fields.Date('Data de naixament')
    PaisOrigen = fields.Char('Pais Origen')
    sexe = fields.Char('Sexe')
    zoo_id = fields.Many2one('zoo.zoo', string='Zoo')
    especie_id = fields.Many2one('zoo.especie', string='Especie')

    def _get_name(self):
        for record in self:
            record.name = str(record.name)
```

```python
# zoo_especie.py
modul_zoo > models > zoo_especie.py > zoo_especie > _get_name
from odoo import models, fields
class zoo_especie(models.Model):
    _name = 'zoo.especie'
    name = fields.Char(compute = '_get_name', string='name', readonly='True', store=False)
    id = fields.Integer('Id', required=True)
    familia = fields.Char('Familia')
    nomCientific = fields.Char('Nom Cientific')
    nomVulgar = fields.Char('Nom Vulgar')
    perill = fields.Boolean('perill')
    animals_ids = fields.one2Many('zoo.animal', 'especie_id', string="Animals")

    def _get_name(self):
        for record in self:
            record.name = str(record.name)
```

Mòdul Plane:

```python
# plane_aeroport.py
modul_plane > models > plane_aeroport.py > ...
from odoo import models, fields

class plane_aeroport(models.Model):
    _name = 'plane.aeroport'
    name = fields.Char(compute='_get_name', string='Name', readonly=True, store=False)
    codi = fields.Integer('Codi', required=True)
    nom = fields.Char('Nom')
    imatge = fields.Char('Imatge')
    ciutat = fields.Char('Ciutat')
    pais = fields.Char('Pais')
    latitud = fields.Float('Latitud')
    longitud = fields.Float('Longitud')
    desti_ids = fields.one2many('plane.vol', 'desti_id', string='Desti')
    origen_ids = fields.one2many('plane.vol', 'origen_id', string='Origen')

    def _get_name(self):
        for record in self:
            record.name = str(record.name)
```

```python
# plane_avio.py
modul_plane > models > plane_avio.py > plane_avio
from odoo import models, fields
class plane_avio(models.Model):
    _name = 'plane.avio'
    name = fields.Char(compute = '_get_name', string='name', readonly='True', store=False)
    codi = fields.Integer('Codi', required=True)
    imatge = fields.Char('Imatge')
    marca = fields.Integer('Marca')
    model = fields.Char('Model')
    maxVel = fields.Float('Velocitat Maxima')
    vol_ids = fields.one2Many('plane.vol', 'avio_id', string="Vols")

    def _get_name(self):
        for record in self:
            record.name = str(record.name)
```

```python
# plane_vol.py
modul_plane > models > plane_vol.py > plane_vol
from odoo import models, fields
class plane_vol(models.Model):
    _name = 'plane.vol'
    name = fields.Char(compute = '_get_name', string='name', readonly='True', store=False)
    codi = fields.Integer('Codi', required=True)
    passatgers = fields.Char('passatgers')
    dataSortida = fields.Datetime('Data de Sortida')
    dataEntrada = fields.Datetime('Data de d''Entrada')
    desti_id = fields.Many2one('plane.aeroport', 'vol_ids', string='Desti')
    origen_id = fields.Many2one('plane.aeroport', string='Origen')
    avio_id = fields.Many2one('plane.avio', string="Avio")
    pilot_id = fields.Many2one('plane.pilot', string="Pilot")

    def _get_name(self):
        for record in self:
            record.name = str(record.name)
```

```python
# plane_pilot.py
modul_plane > models > plane_pilot.py > ...
from odoo import models, fields
class plane_pilot(models.Model):
    _name = 'plane.pilot'
    name = fields.Char(compute = '_get_name', string='name', readonly='True', store=False)
    codi = fields.Integer('Codi', required=True)
    nom = fields.Char('Nom')
    cognoms = fields.Char('Cognoms')
    nif = fields.Char('Nif')
    pais = fields.Char('pais')
    telf = fields.Char('Telèfon')
    email = fields.Char('Correu electrònic')
    vol_ids = fields.one2Many('plane.vol', 'pilot_id', string="Vols")

    def _get_name(self):
        for record in self:
            record.name = str(record.name)
```

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Exercici 2:

Afegeix les vistes "form" al dos mòduls:

Mòdul Zoo:

```xml
views.xml C:\...\modul_plane\...          views.xml C:\...\modul_zoo\...  ✕

C: > Users > Mohamed El Mhamdi > Desktop > DAM1 > MP10 . Sistemes de gestió empresarial > UF2 > PR5 >
1     <?xml version="1.0" encoding="utf-8"?>
2     <odoo>
3         <data>
4             <record model="ir.actions.act_window" id="action_zoo_zoo_tree">
5             <field name="name">Zoo</field>
6             <field name="res_model">zoo.zoo</field>
7             <field name="view_mode">tree,form</field>
8             </record>
9
10            <record model="ir.actions.act_window" id="action_zoo_animal_tree">
11            <field name="name">Animal</field>
12            <field name="res_model">zoo.animal</field>
13            <field name="view_mode">tree,form</field>
14            </record>
15
16            <record model="ir.actions.act_window" id="action_zoo_especie_tree">
17                <field name="name">Especie</field>
18                <field name="res_model">zoo.especie</field>
19                <field name="view_mode">tree,form</field>
20            </record>
```

Mòdul Plane:

```xml
views.xml C:\...\modul_plane\...  ✕        views.xml C:\...\modul_zoo\...

C: > Users > Mohamed El Mhamdi > Desktop > DAM1 > MP10 . Sistemes de gestió empresarial > UF2 > PR5 > modul_plane > views > views.xml
1     <?xml version="1.0" encoding="utf-8"?>
2     <odoo>
3         <data>
4             <record model="ir.actions.act_window" id="action_plane_aeroport_tree">
5                 <field name="name">Aeroport</field>
6                 <field name="res_model">plane.aeroport</field>
7                 <field name="view_mode">tree,form</field>
8             </record>
9
10            <record model="ir.actions.act_window" id="action_plane_vol_tree">
11                <field name="name">Vol</field>
12                <field name="res_model">plane.vol</field>
13                <field name="view_mode">tree,form</field>
14            </record>
15
16            <record model="ir.actions.act_window" id="action_plane_avio_tree">
17                <field name="name">Avio</field>
18                <field name="res_model">plane.avio</field>
19                <field name="view_mode">tree,form</field>
20            </record>
21
22            <record model="ir.actions.act_window" id="action_plane_pilot_tree">
23                <field name="name">Pilot</field>
24                <field name="res_model">plane.pilot</field>
25                <field name="view_mode">tree,form</field>
26            </record>
```

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