

## Examination

1. create new module: "library" depends to module product (\_\_manifest\_\_.py)
2. create object/models: "book.library"
  - 2.1. buat field:
    - 2.1.1. name (Char)
    - 2.1.2. date\_borrowed (Date)
    - 2.1.3. date\_return (Date)
    - 2.1.4. partner\_id (Many2one to object res.partner)
    - 2.1.5. no\_telp (Char)
    - 2.1.6. officer\_id (Many2one to object res.users)
    - 2.1.7. book\_list\_ids (One2many to new object "book.list")
    - 2.1.8. price\_total (Float)
    - 2.1.9. status (Selection with options borrowed and returned)
  - 2.2. create views: tree, form, kanban, calendar, menuitem
3. create object/models: "book.list"
  - 3.1. create fields:
    - 3.1.1. book\_id (Many2one to object "product.product")
    - 3.1.2. library\_id (Many2one ke object "book.library")
    - 3.1.3 price (Float)
4. inherit object "product.product"
  - 4.1. add field sinopsis (Text)
  - 4.2. add menuitem book parent(to id menuitem "book.library") action:  
"product.product\_normal\_action\_sell"
  - 4.3. inherit view "product.product" add field description inside views product.
5. add compute function for fields price\_total (sum price from field book\_list\_ids):  
sum([line.price for line in self.book\_list\_ids])
6. add default values for fields date\_borrowed (today date)
7. add onchange for fields "date\_borrowed", when field is changed it will set the field "date\_return" + 1 week from "date\_borrowed"
  - 7.1. import relativedelta: from dateutil.relativedelta import relativedelta
  - 7.2. add funtion: self.date\_borrowed + relativedelta(weeks=1) for set "date\_return"
8. add sequence number for fields name

notes:

please create the module with "Falinwa Development Rules"