1. Create new module project team which has following functionalities:-
    1. Create a new model project.team.member which has the following fields.(Try to use field attributes where it is possible like required, help, string, default etc.)
    1. Name
    2. Address
        1. House no.
        2. Street
        3. Street2
        4. Country (use Many2one res.country from standard odoo)
        5. State (use Many2one res.country.state from standard odoo)
        6. City (Create new model res.state.city and should work like country and state relationships, also loads 10 cities in gujarat state from data file)
        7. Zip code
    3. Mobile
    4. User_id (Many2one res.users, **required,** context=search_default_employee: 1)
    5. Email (related user_id.email)
    6. Gender (Selection)
    7. Birth date (Date)
    8. User Image (Binary)
    9. Bio Data (Html)
    10. Active (Boolean)
    11. Timesheet (One2many account.analytic.line)
2. Create form view, tree view, search view and kanban view of project.team.member
3. Create a new user when project.team.member is created.
4. Restrict users to copy records.
5. When user selects user_id field that time displays email with name so dropdown options should be like (Nikunj / nikunj@caretit.com) and also filter records which users are employee.(Hint: User name_get) - (name_get is no more used in odoo 17 Alternative : _compute_display_name)
6. Create project.team model order by name and also add description of model
7. Add following fields:
    1. Team_members (many2many project.team.member)
    2. Name
    3. Team_leader
    4. Active

5. Sequence char (Add it with name as 001/name/date, readonly, copy=False)

8. **Add form view, tree view, kanban view, activity view.**
   1. Add chatter and activity in the form view and also put tracking in 2 any fields.

9. **Add a new smart button in the form(project.team) view which opens project.team.member where the current team is assigned and displays the number of records on the button.**

10. **User wants to add one new member to 5 teams at a time by selecting teams from the team tree view.**

    Hint:- Add server action(Add Member) which open new wizard from there it has team.member many2one field and when user save it then it add member to selected teams

12. **In the project configuration menu add a new menu for adding teams and from there users can add teams (use project.team).**

13. **This team member will be added to the project when a user selects the team in project form view.**

14. **The team should be in the kanban view under the Team page in project form view.**

15. **Only Project manager and Administrator can add teams in configuration.**
    1. Instructions to achieve this functionalities:-
       1. Inherit project.team
       2. Create team members many2many field in project.team with relation to project.team.member (Field already exists in model project.team)
       3. In Project.project
       4. I) Put many2one team id of project.team with domain of project.

          (Field already exists in model project.team)

       5. II) Put members named many2many field with relation to project.team.member.

16. **Inherit project.task and add Assigned Date (Date time field) and write it when project create and also can not allow user to select past date and if selects then**

generate validation error(Use create and write method overriding)(Field Already Exists which Is read only field so user can not assign previous date or time field named date_assign it will be set to the date time when task is created) and also Restrict user to unlink task when it is on in progress, the field should not be visible if it is in done stage.

17. Inherit search_view of project.task and add new filter named New tasks with domain as Worked hour < 5.
18. User wants to give priority(Start)(Stars) to multiple tasks by selecting multiple tasks from the task list view.
19. When an employee creates timesheet entries in a task, also add it to project team members.
20. Add two demo data records and see what is the difference between demo data and data.
21. Give access rights to new models.The user can only see tasks which are assigned to him.
22. Load gujarati language and translate 5 terms that are not translated and also the name of project.team must be translated if converted to gujarati.
23. Add new tab Description in Project form view and add new field description with text type and index (Describe usage of index in comment).

2. Classes and Inheritance with Odoo:

1. Define an abstract Class for start date and end date. Start Date should not be greater than end date and visaverse. (model name must be 'startend_mixin')
2. Add two field in inherited model project.task from above mixin named as date_start and date_end but do not define these fields in current class, should come from base abstract class of 1.a. (module name must be 'project_custom')

2. Use following syntax for your new model (i.e. project.task.checklist) to inherit any other existing odoo model (i.e. project.task). Your project.task.checklist model class must have explanation of _inherits usage in your language as python doc-string.
_inherits = {'project.task': 'task_id'}

1. Make one wizard which have date range selection. Based on selected date range export overlapping tasks for the period in excel and pdf file.
2. All tasks in tree/kanban/searches/dropdown-selection should be in alphabetical order on Task Title field.
3. Make one module which add email validation on res.partner using python constraint. Also add sql constraint for email field for unique email.

   - Use Validation Error or Warning Error but justify for not using another.

4. Restrict user from deleting in progress tasks.
   - Use User Error

   3. Send an auto reminder to the responsible user of the task before one day of deadline and if deadline = Today. Cron job will run everyday and search for tasks due today and send reminder emails to employees and send daily timesheet entries of projects to project manager by email (Create new module with documentation and index file).

   4. Take one boolean field to res.partner (restrict_mail) , if that boolean value is True for partner then mail should not be sent to that partner from the sale.order chatter even if the partner is added as a follower.

   5. Take a field (Credit Limit = type(float)) field to settings ,
   Take a field (Partner Credit Limit = type(float)) field to partner/contact
   Now add two new stages/states to PO (First Approval ,Second Approval)
   Now at po confirm , give a check if the selected vendor credit limit is more than Credit limit which is set over settings then PO should move to First approval stage. And then 2nd

name , partner_id, **email**, **phone**, expected_revenue, **probability**
And end of the page put 'Submit' button
> When after filling the lead form , click on the submit button record should be created to crm.lead with the filled information on the web page
Reference : take reference from the This contact Us page of base , trace how this page has been created and how this value passed at the submit button.
To define this we need to define a template but how to place it over a web page , do analysis from this reference , and to pass the value at the submit button need to define a controller.

Task For Followers in Chatter : (Based on bellow condition)

1). Send message ma je partner restrict hoy ene mail na jaay

2). Send message ma @ tag karie and restrict hoy to pan mail na jaay

3). Log note ma je restrict hoy and @ thi send karie to pan mail jaay

4). Log Note ma je follower nathi and @ thi tag karie and restrict hoy to followers ma add na thay

6. Concept website , controller

Create one web page like this with the CRM basic fields

For reference : Website > Contact Us

After contact us create page named : Leads

Field to show on webpage from CRM :