

Odoo Configuration Report



National University of computer and Emerging Sciences, Islamabad

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Section: SE-6F

Software Construction and Development

Assignment # 1

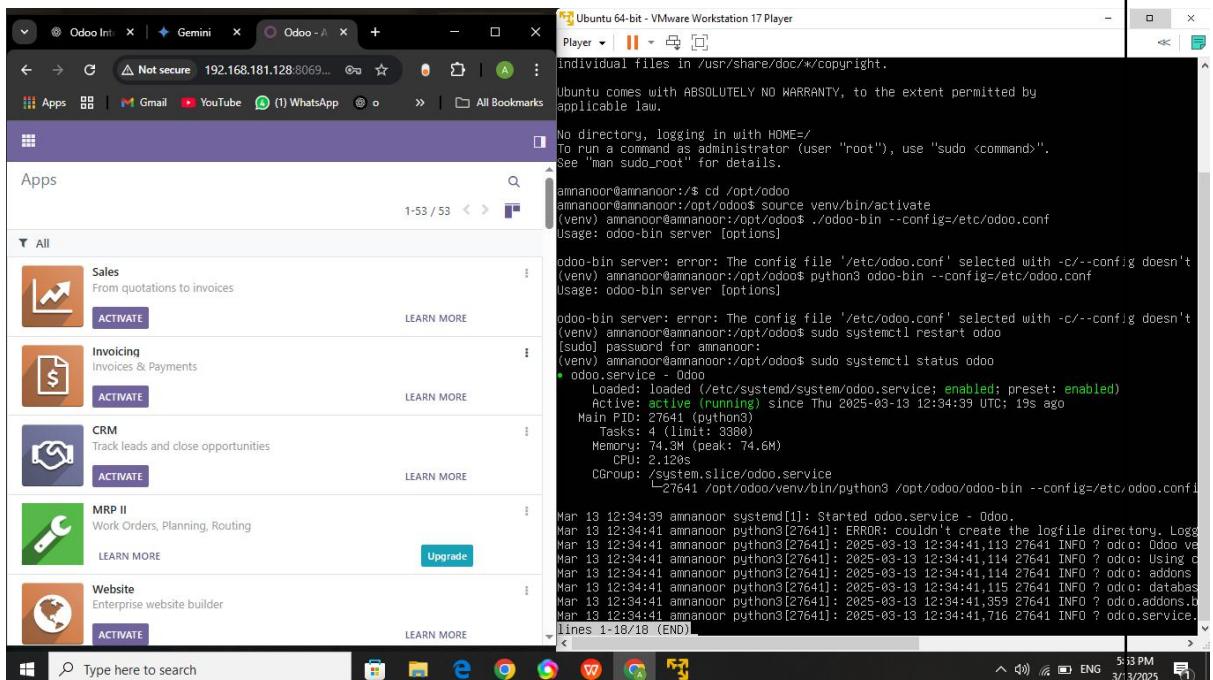
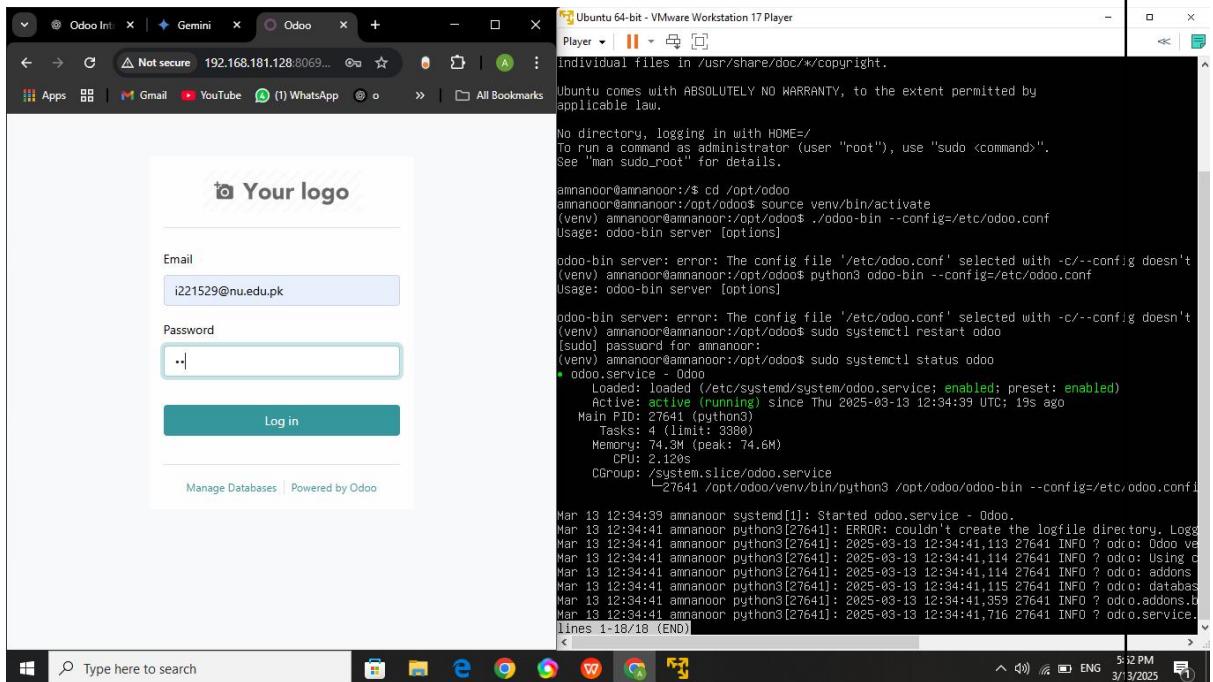
Submitted to [Sir Junaid Ali]

Date: 3/14/2025

1. Initial Configuration

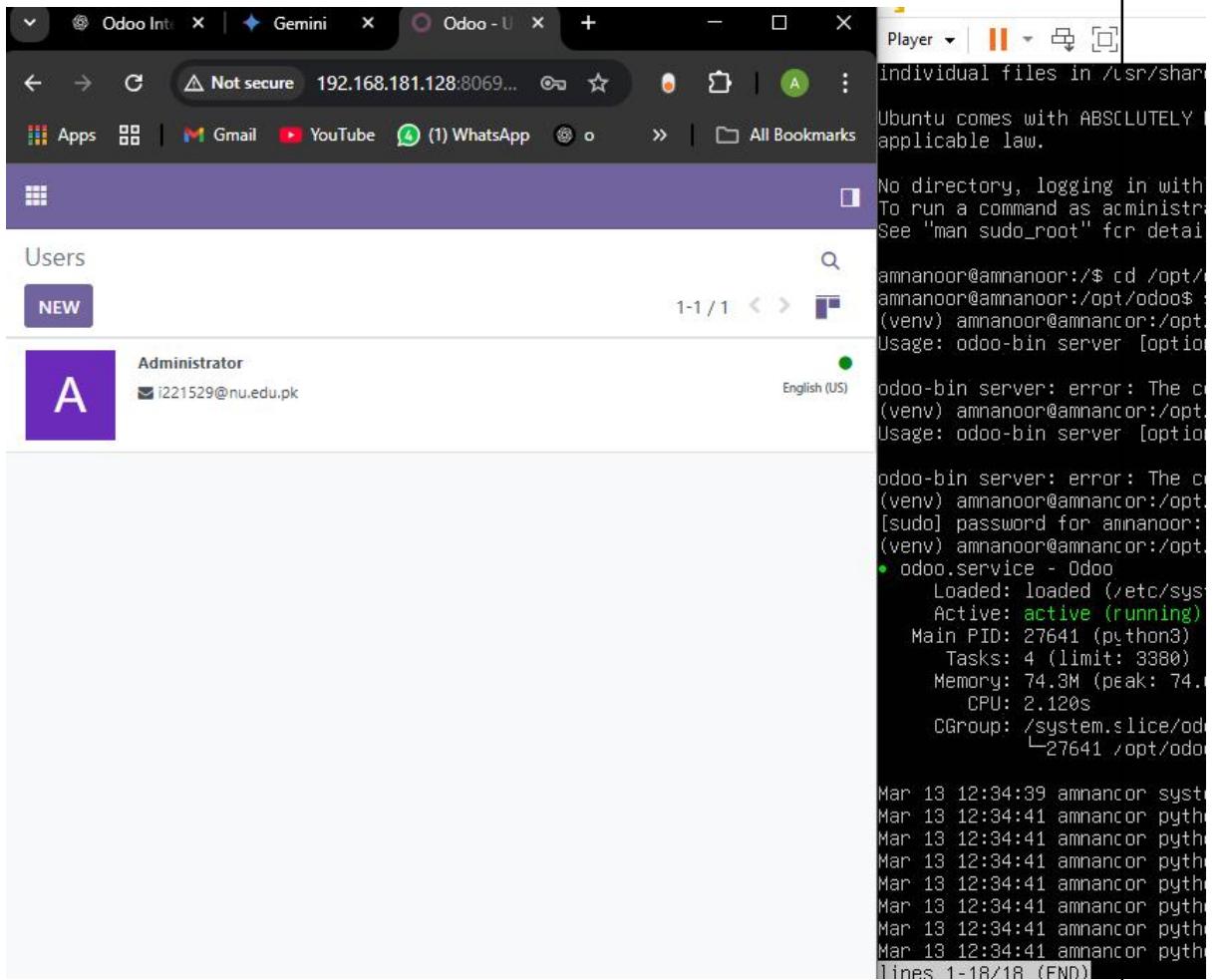
1.1 Accessing Odoo Web Interface

- Open a web browser and enter the Odoo URL.
- Log in using the **admin** credentials

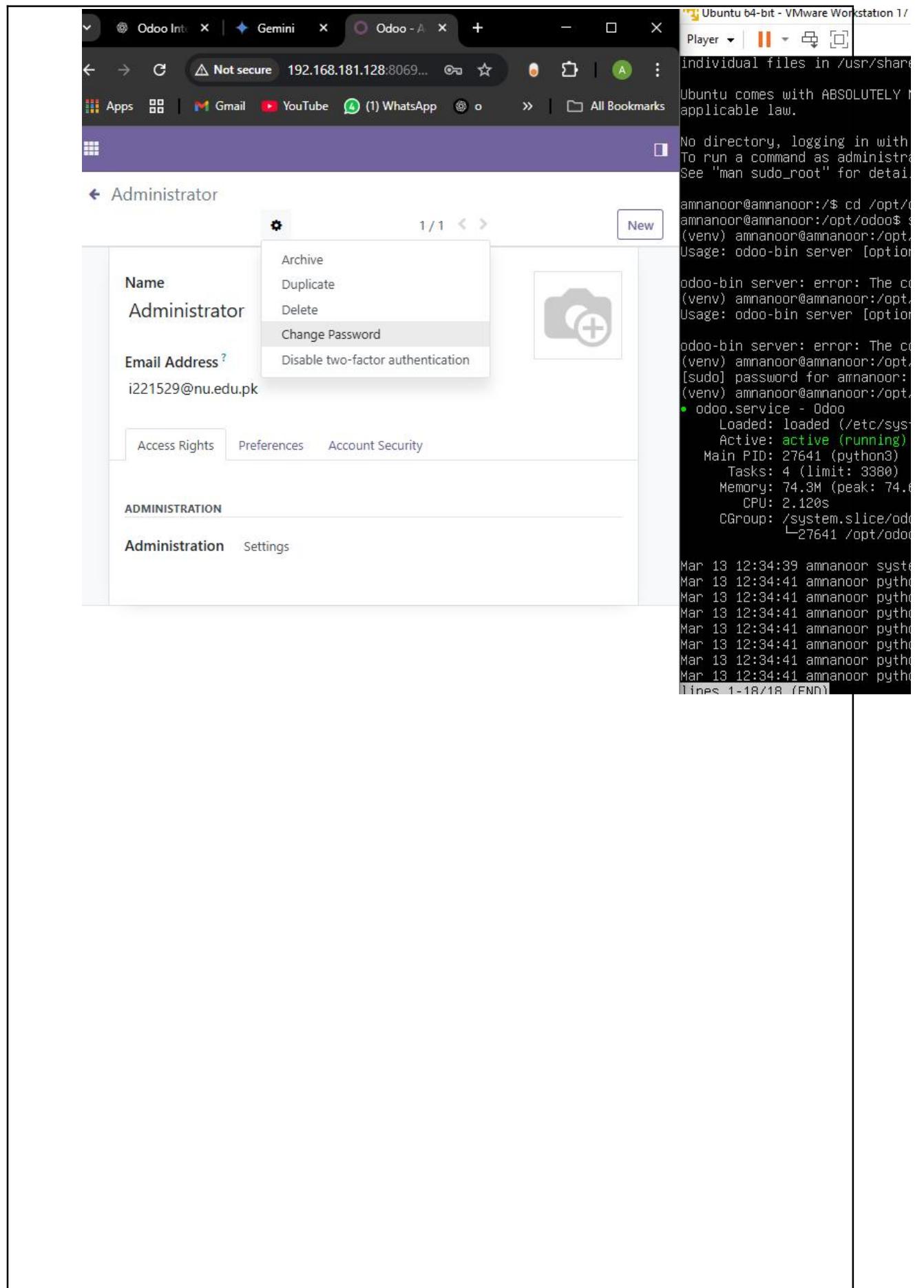


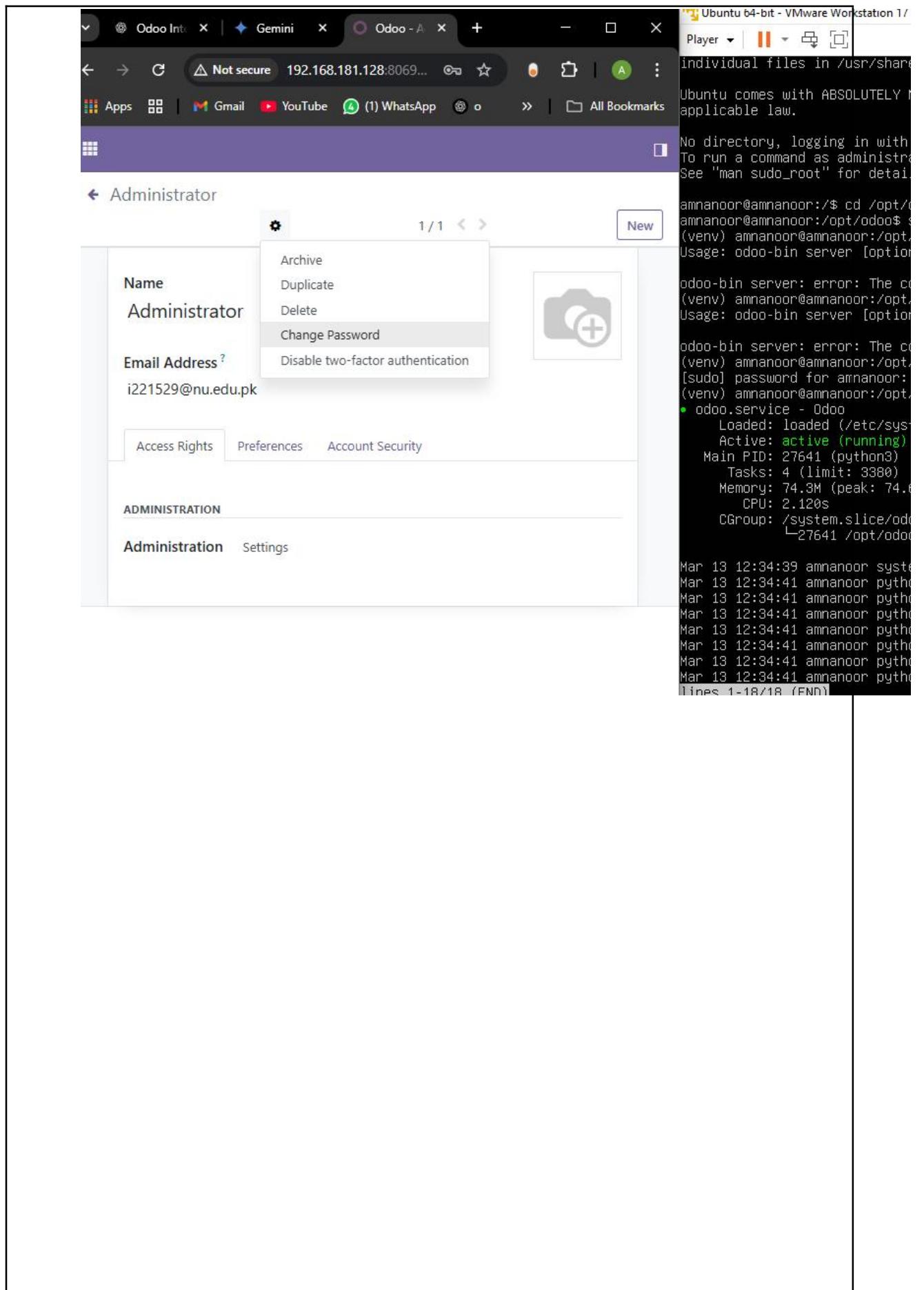
1.2 Changing Default Password

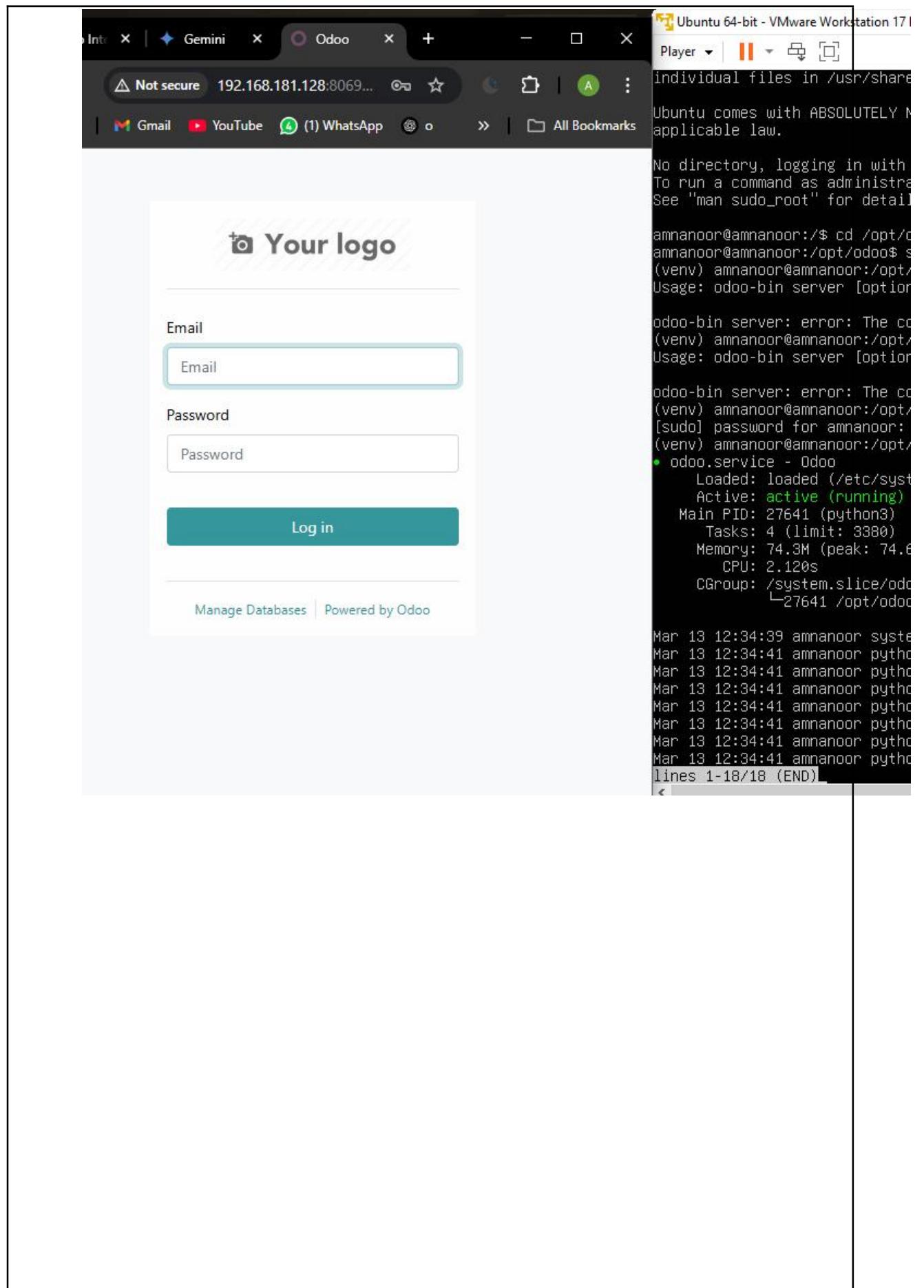
- Navigate to **Settings > Users & Companies > Users**.

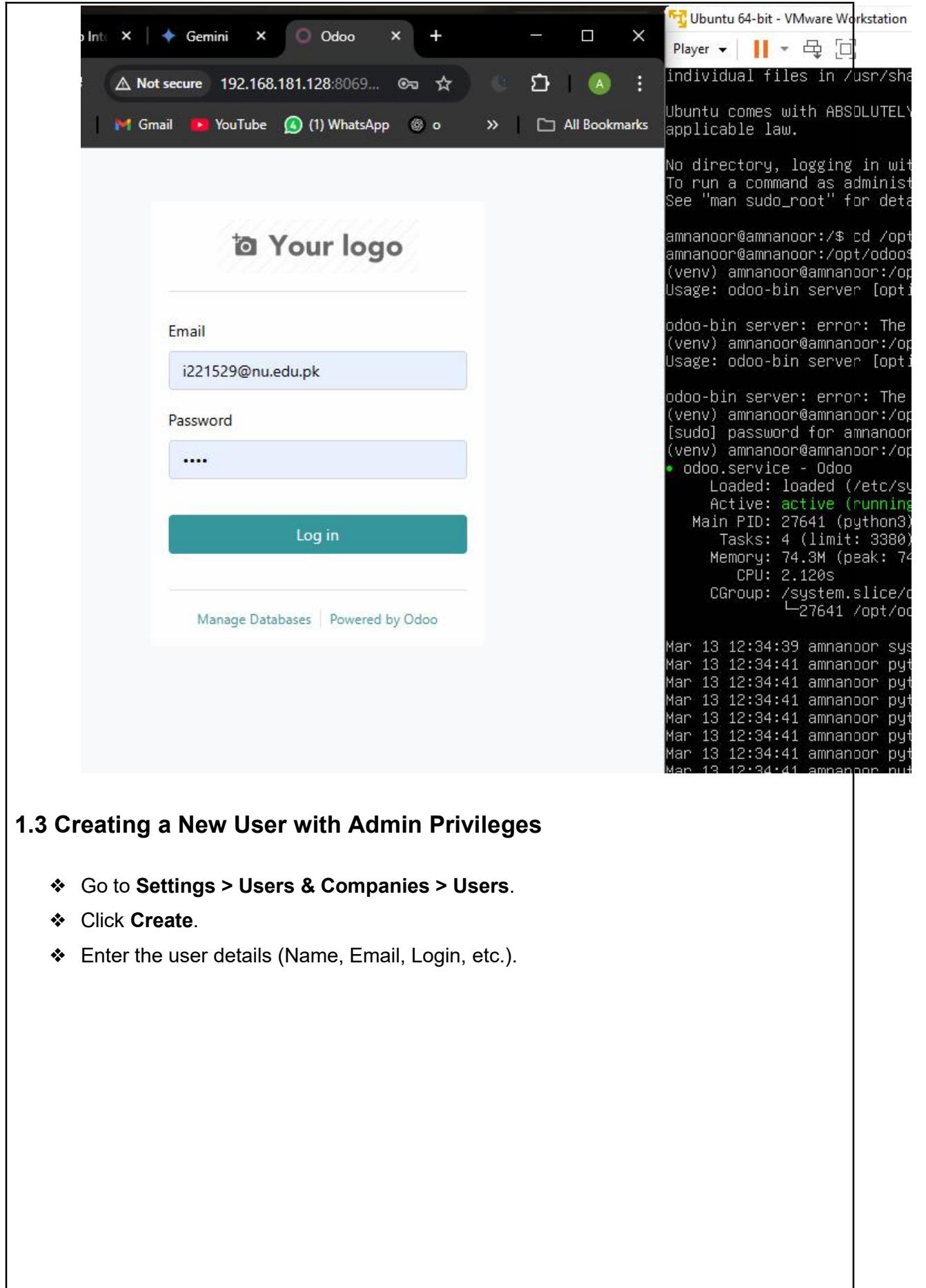


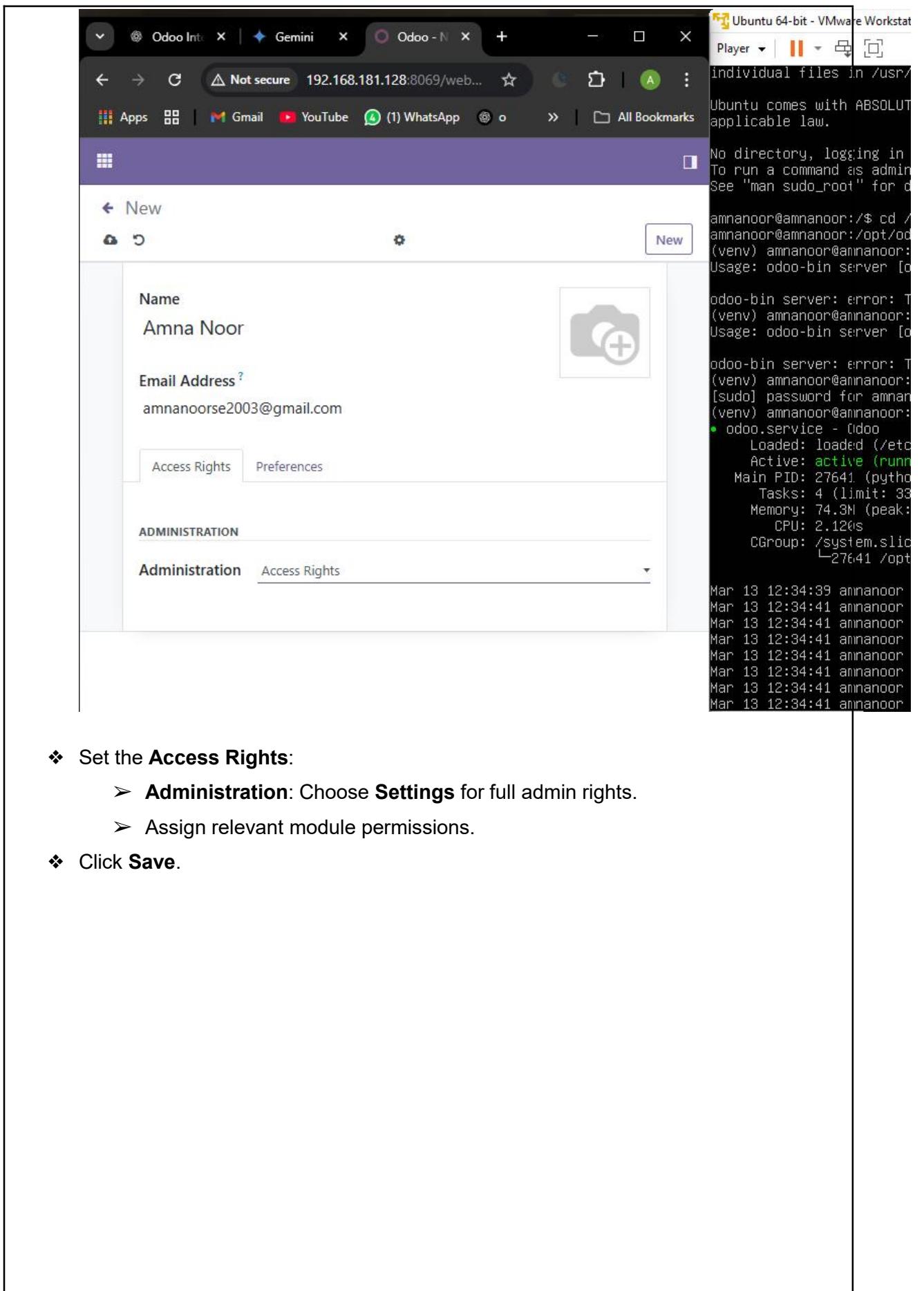
- Select the **Administrator** user.
 - Click **Change Password**, enter a new password, and confirm.



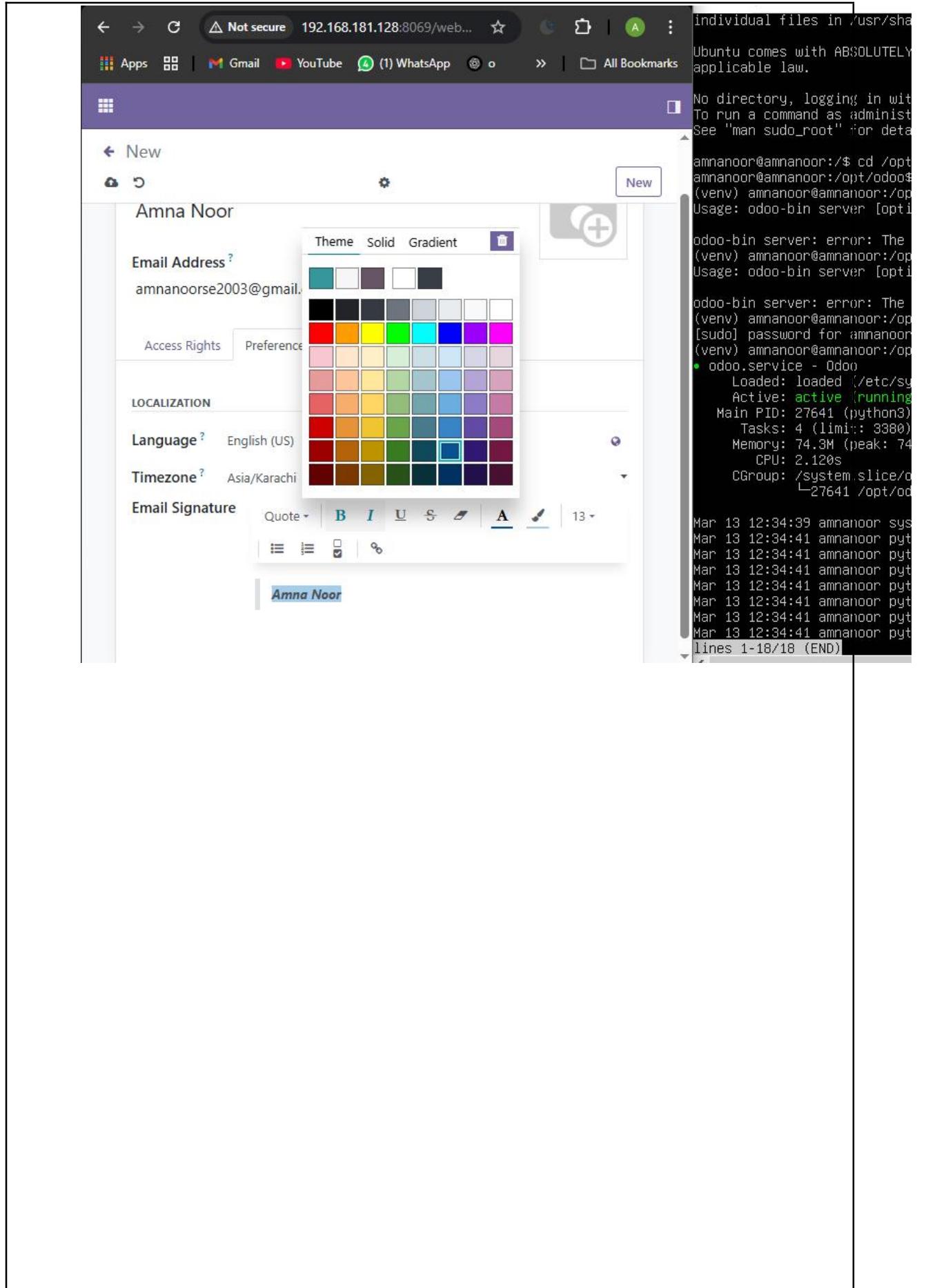








- ❖ Set the **Access Rights**:
 - **Administration**: Choose **Settings** for full admin rights.
 - Assign relevant module permissions.
- ❖ Click **Save**.



The screenshot shows a web browser window with the URL `192.168.181.128:8069/web...`. The main content is a user creation form for 'Amna Noor'. The user has an email address `amnanoorse2003@gmail.com`, language set to English (US), and timezone set to Asia/Karachi. The email signature field contains the text 'Amna Noor'. A context menu is open over the user card, revealing a terminal session log. The log shows several commands run by the user 'amnanoor' at 12:34:39 on March 13, 2024, including navigating to the Odoo bin directory, sourcing the configuration file, and running the odoo-bin server. The terminal also displays the odoo.service status and logs.

```

individual files in /usr/share/doc
Ubuntu comes with ABSOLUTELY NO WA
applicable law.

No directory, logging in with HOME
To run a command as administrator
See "man sudo_root" for details.

amnanoor@amnanoor:~$ cd /opt/odoo
amnanoor@amnanoor:/opt/odoo$ sourc
(venv) amnanoor@amnanoor:/opt/odoo
Usage: odoo-bin server [options]

odoo-bin server: error: The config
(venv) amnanoor@amnanoor:/opt/odoo
Usage: odoo-bin server [options]

odoo-bin server: error: The config
(venv) amnanoor@amnanoor:/opt/odoo
[sudo] password for amnanoor:
(venv) amnanoor@amnanoor:/opt/odoo
● odoo.service - Odoo
   Loaded: loaded (/etc/systemd/
   Active: active (running) sinc
      Main PID: 27641 (python3)
         Tasks: 4 (limit: 3380)
        Memory: 74.3M (peak: 74.6M)
          CPU: 2.120s
        CGroup: /system.slice/odoo.se
           └─27641 /opt/odoo/ven

Mar 13 12:34:39 amnanoor systemd[1]
Mar 13 12:34:41 amnanoor python3[2]
lines 1-18/18 (END)

```

The screenshot shows a web browser window with the URL `192.168.181.128:8069/web...`. The main content is a list of users, showing two entries: 'Administrator' and 'Amna Noor'. The user 'Amna Noor' has an email address `amnanoorse2003@gmail.com`. A context menu is open over the 'Amna Noor' user card, revealing a terminal session log. The log shows several commands run by the user 'amnanoor' at 12:34:39 on March 13, 2024, including navigating to the Odoo bin directory, sourcing the configuration file, and running the odoo-bin server. The terminal also displays the odoo.service status and logs.

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amnanoor@amnanoor:/opt/odoo$ sourc
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Usage: odoo-bin server [options]

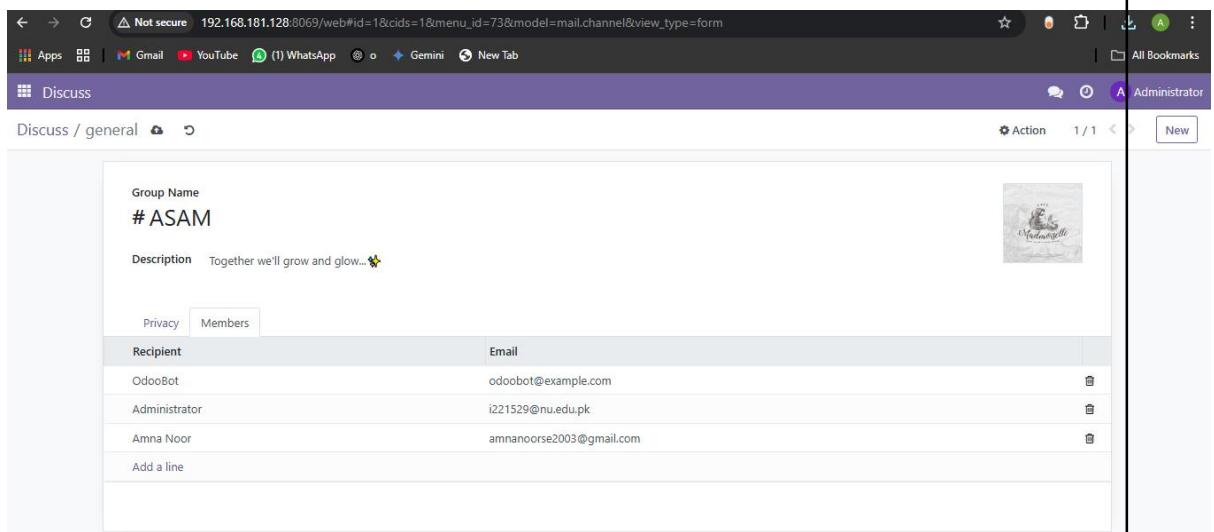
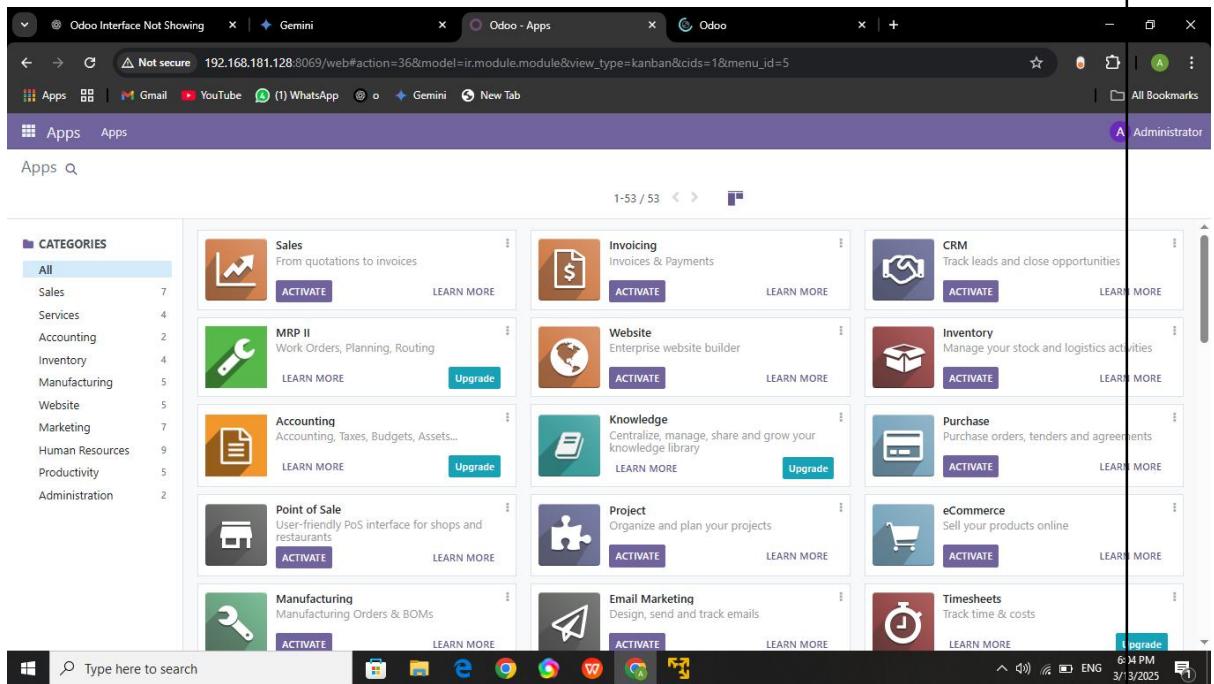
odoo-bin server: error: The config
(venv) amnanoor@amnanoor:/opt/odoo
[sudo] password for amnanoor:
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● odoo.service - Odoo
   Loaded: loaded (/etc/systemd/
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      Main PID: 27641 (python3)
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           └─27641 /opt/odoo/ven

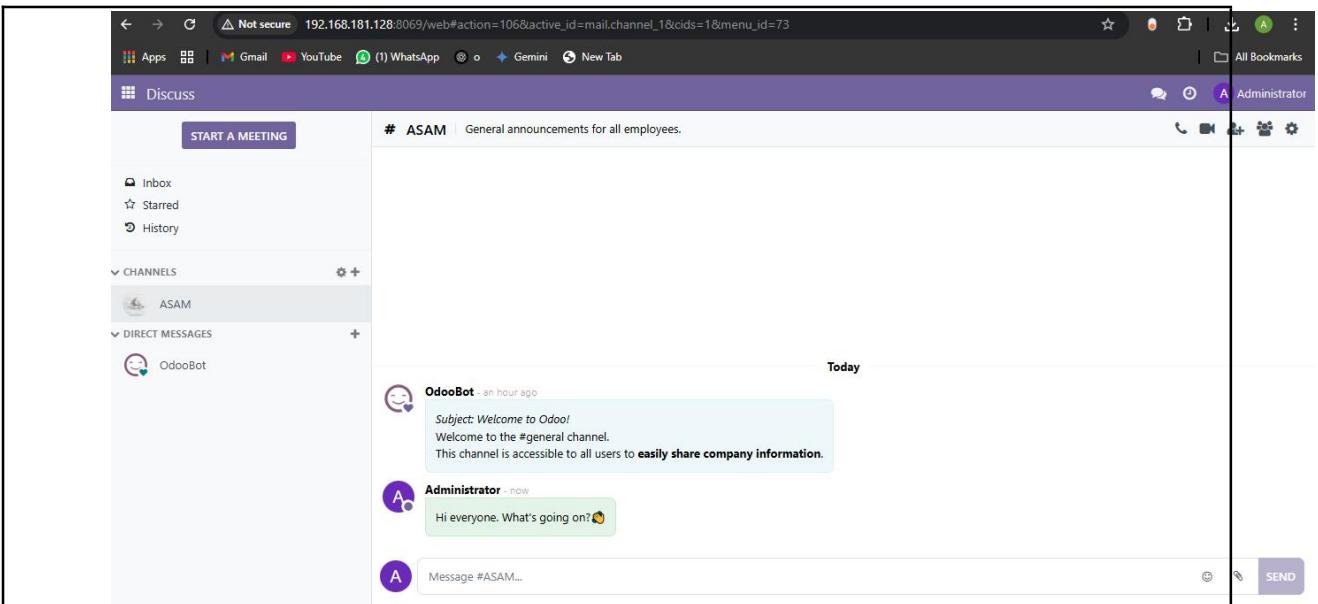
Mar 13 12:34:39 amnanoor systemd[1]
Mar 13 12:34:41 amnanoor python3[2]
lines 1-18/18 (END)

```

1.4 Exploring the Odoo Dashboard

- ❖ Access the Odoo Dashboard.
- ❖ Familiarize yourself with the available modules (Sales, Inventory, Accounting, etc.).
- ❖ Click on each module to explore its features.





1.5 Configuring Basic Settings

- ❖ Navigate to **Settings**.
- ❖ Update the following details:
 - **Company Information** (Company Name, Address, Phone, Email, Logo).
 - **Currency** (Select the applicable currency for transactions).
 - **Language** (Set preferred language for UI and communication).
 - **Timezone** (Adjust timezone settings for accuracy).
- ❖ Click **Save**.

Internal Users			
Name	Login	Language	Latest authentication
Administrator	i221529@nu.edu.pk	English (US)	03/13/2025 17:57:24
Amna Noor	amnanoorse2003@gmail.com	English (US)	

The screenshot shows the 'Companies / My Company' settings page in Odoo. The company name is 'Enrana'. The general information section includes address ('Meat Market'), phone ('03115553110'), mobile (''), email ('i221529@nu.edu.pk'), website ('e.g. https://www.odoo.com'), tax ID ('123'), company ID ('1232003'), and currency ('PKR'). There is also a placeholder for a logo with the text 'Coffee Shop'.

1.6 Installing Additional Modules

- ❖ Go to **Apps**.
- ❖ Search for required modules (e.g., **Sales, Inventory, Accounting**).
- ❖ Click **Install** to activate the module.

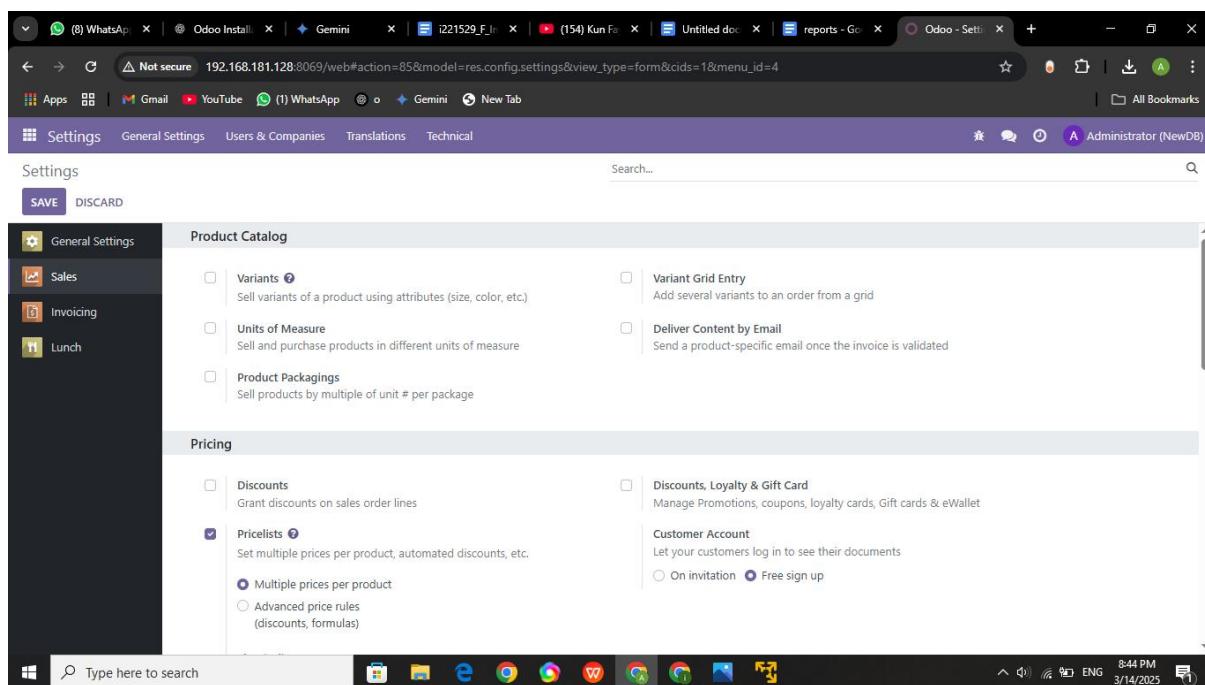
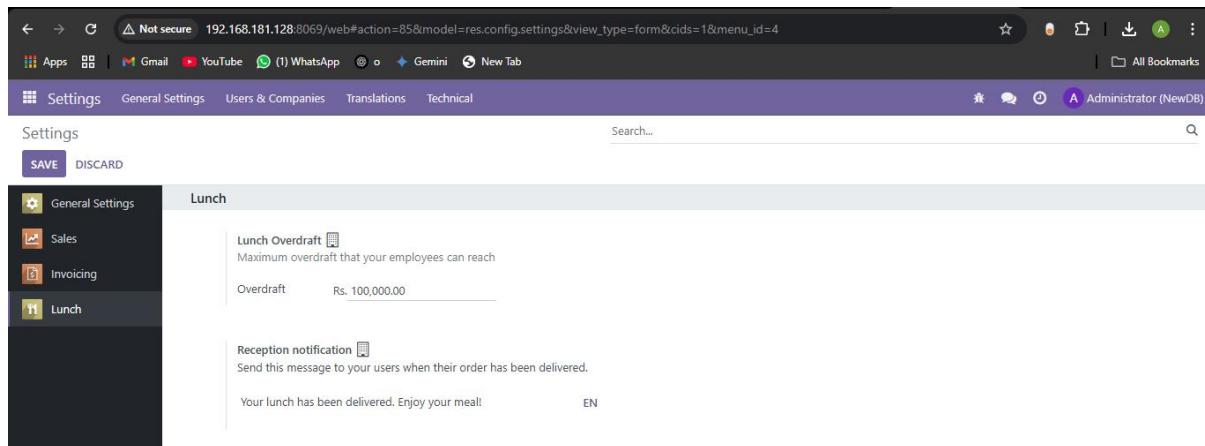
The screenshot shows the Odoo App Store interface. On the left, there is a sidebar with categories like Sales, Services, Accounting, etc. The main area displays a grid of modules with their names and descriptions. Some modules shown include Appointments, Surveys, Attendances, SMS Marketing, Barcode, Loading..., VoIP, Lunch, eBay Connector, Appointments, Surveys, Attendances, SMS Marketing, Barcode, Loading..., VoIP, Lunch, Employee Contracts, Android & iPhone, Skills Management, Online Jobs, and Online Jobs.

2. Advanced Configuration and Customization

2.1 Choosing a Specific Module for Customization

- ❖ Navigate to the **module settings** (e.g., Sales > Configuration).

- ❖ Select the module that needs modification.



2.2 Adding Custom Fields

- ❖ Go to **Settings > Technical > Database Structure > Fields.**
- ❖ Click **Create**.
- ❖ Enter details:
 - **Model:** Select the module (e.g., sale.order for Sales Orders).
 - **Field Name:** Enter a meaningful name.
 - **Field Type:** Choose the appropriate type (Char, Integer, Date, etc.).

❖ Click Save.a

Not secure 192.168.181.128:8069/web#action=19&model=ir.model.fields&view_type=list&cids=1&menu_id=4

Apps Gmail YouTube (1) WhatsApp Gemini New Tab

Settings General Settings Users & Companies Translations Technical Administrator (NewDB)

Fields

NEW

Search... Filters Group By Favorites 1-80 / 6428

Field Name	Field Label	Model	Field Type	Type	Indexed	Stored	Readonly	Related Model
__last_update	Last Modified on	Product UoM Categories	datetime	Base Field	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
__last_update	Last Modified on	Product Unit of Measure	datetime	Base Field	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
__last_update	Last Modified on	Resource Working Time	datetime	Base Field	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
__last_update	Last Modified on	Work Detail	datetime	Base Field	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
__last_update	Last Modified on	Resources	datetime	Base Field	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
__last_update	Last Modified on	Resource Time Off Detail	datetime	Base Field	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
__last_update	Last Modified on	UTM Campaign	datetime	Base Field	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
__last_update	Last Modified on	UTM Medium	datetime	Base Field	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
__last_update	Last Modified on	UTM Source	datetime	Base Field	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
__last_update	Last Modified on	Campaign Stage	datetime	Base Field	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
__last_update	Last Modified on	UTM Tag	datetime	Base Field	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
last_update	Last Modified on	Models	datetime	Base Field	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Odoo Interface Not Showing | Gemini | Odoo - New | NoorsCafe | art cafe's logo - Google Search | +

Not secure 192.168.181.128:8069/web#cids=1&menu_id=4&action=19&model=ir.model.fields&view_type=form

Apps Gmail YouTube (1) WhatsApp Gemini New Tab

Settings General Settings Users & Companies Translations Technical Administrator (NewDB)

Fields / New

New

Field Name ?	x_nameProduct	Field Type ?	char
Field Label ?	Hi_Product	EN	Field Help ?
Model ?	Contact	EN	
Properties Access Rights Miscellaneous Type ? Custom Field			
In Apps ?			

Odoo Interface Not Showing | Gemini | Odoo - Contact | NoorsCafe | art cafe's logo - Google Search | +

Not secure 192.168.181.128:8069/web#id=85&cids=1&menu_id=4&action=18&model=ir.model&view_type=form

Apps Gmail YouTube (1) WhatsApp Gemini New Tab

Settings General Settings Users & Companies Translations Technical Administrator (NewDB)

Models / Contact

Print Action 5 / 80

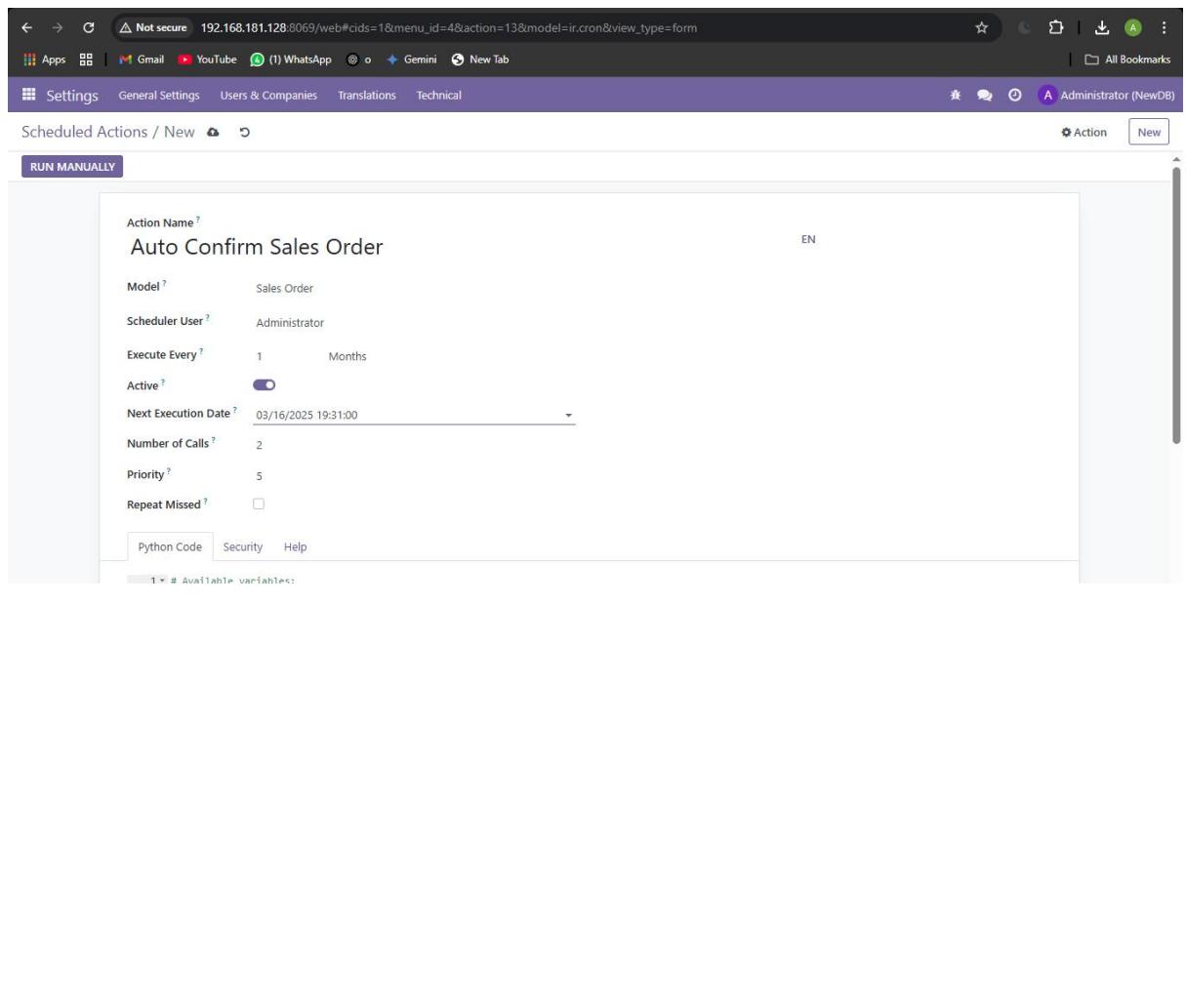
New

tz	Timezone	selection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Base Field	
tz_offset	Timezone offset	char	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Base Field	
use_partner_credit_limit	Partner Limit	boolean	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Base Field	
user_id	Salesperson	many2one	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Base Field	
user_ids	Users	one2many	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Base Field	
vat	Tax ID	char	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Base Field	
website	Website Link	char	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Base Field	
website_message_ids	Website Messages	one2many	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Base Field	
write_date	Last Updated on	datetime	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Base Field	
write_uid	Last Updated by	many2one	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Base Field	
x_nameProduct	Hi_Product	char	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Custom Field	
zip	Zip	char	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Base Field	

2.3 Modifying Workflows

- ❖ Navigate to **Settings > Technical > Automation > Scheduled Actions**
- ❖ Click **Create**.
- ❖ Enter details:
 - **Action Name:** Auto Confirm Sales Order.
 - **Model:** Sales Order (sale.order).
 - **Trigger:** On Creation.
 - **Action:** Execute Python Code.
- ❖ Enter the Python code:

```
if record and record.state == 'draft':  
    record.action_confirm()
```
- ❖ Click **Save** and test the workflow.



The screenshot shows the Odoo interface for creating a new scheduled action. The top navigation bar includes 'Settings', 'General Settings', 'Users & Companies', 'Translations', 'Technical', and 'Administrator (NewD)'. The main area is titled 'Scheduled Actions / New' with tabs for 'Action' and 'New'. The configuration fields include 'Active' (unchecked), 'Next Execution Date' (03/16/2025 19:31:00), 'Number of Calls' (2), 'Priority' (5), and 'Repeat Missed' (unchecked). Below these is a 'Python Code' tab selected, showing the following code:

```

1 # * # Available variables:
2 # - env: Odoo Environment on which the action is triggered
3 # - model: Odoo Model of the record on which the action is triggered; is a void recordset
4 # - record: record on which the action is triggered; may be void
5 # - records: recordset of all records on which the action is triggered in multi-mode; may be void
6 # - time, datetime, dateutil, timezone: useful Python libraries
7 # - float_compare: Odoo function to compare floats based on specific precisions
8 # - _logger: Python logger; useful logging function to record debug information in ir.logging table
9 # - UserError: Warning Exception to use with raise
10 # - Command: x2Many commands namespace
11 # To return an action, assign: action = {...}
12
13 if record.state == 'draft':
14     record.action_confirm()
15
16

```

2.4 Creating Custom Reports

- Select **Settings > Technical > Reporting > Reports > Create New Report**.
- Choose the module (e.g., **Sales Orders**).
- Add necessary fields (Order Reference, Customer, Total Amount).
- Save and test by printing a report.

The screenshot shows the Odoo interface for creating a new report. The top navigation bar includes 'Settings', 'General Settings', 'Users & Companies', 'Translations', 'Technical', and 'Administrator (NewD)'. The main area is titled 'Reports / NewReport' with tabs for 'Action' (selected) and 'New'. The configuration fields include 'Action Name' (NewReport), 'EN Model Name' (Contact), 'Report Type' (PDF), 'Template Name' (Contact), 'Paper Format' (A4), and 'Printed Report Name' (PrintedReport). Below these is a 'Security' tab with a 'Group Name' section containing 'Administration / Access Rights', 'Lunch / Administrator', 'Sales / Administrator', 'Technical / Advanced Pricelists', and 'Add a line'. There is also a 'QWeb Views' section with a '+' button and a '1 / 1' indicator.

Not secure 192.168.181.128:8069/web#action=77&model=ir.actions.report&view_type=list&cids=1&menu_id=4

Apps Gmail YouTube (1) WhatsApp Gemini New Tab All Bookmarks

Settings General Settings Users & Companies Translations Technical Administrator (NewDB)

Reports NEW Search... Filters Group By Favorites 1-18 / 18

Action Name	Model Name	Action Type	Template Name	Report Type	Save as Attachment Prefix
Hash integrity result PDF	res.company	ir.actions.report	account.report_hash_integrity	PDF	
Invoices	account.move	ir.actions.report	account.report_invoice_with_payments	PDF	(object.state == 'posted') and ((object.name or 'INV').replace('/', '_')+'.pdf')
Invoices without Payment	account.move	ir.actions.report	account.report_invoice	PDF	(object.state == 'posted') and ((object.name or 'INV').replace('/', '_')+'.pdf')
Model Overview	ir.model	ir.actions.report	base.report_irmodeloverview	PDF	
NewReport	Contact	ir.actions.report	Contact	PDF	
Original NewReport	account.move	ir.actions.report	account.report_original_vendor_bill	PDF	'original_vendor_bill.pdf'
PRO-FORMA Invoice	sale.order	ir.actions.report	sale.report_saleorder_pro_forma	PDF	

secure 192.168.181.128:8069/web#id=7&cids=1&menu_id=221&action=336&model=res.partner&view_type=form

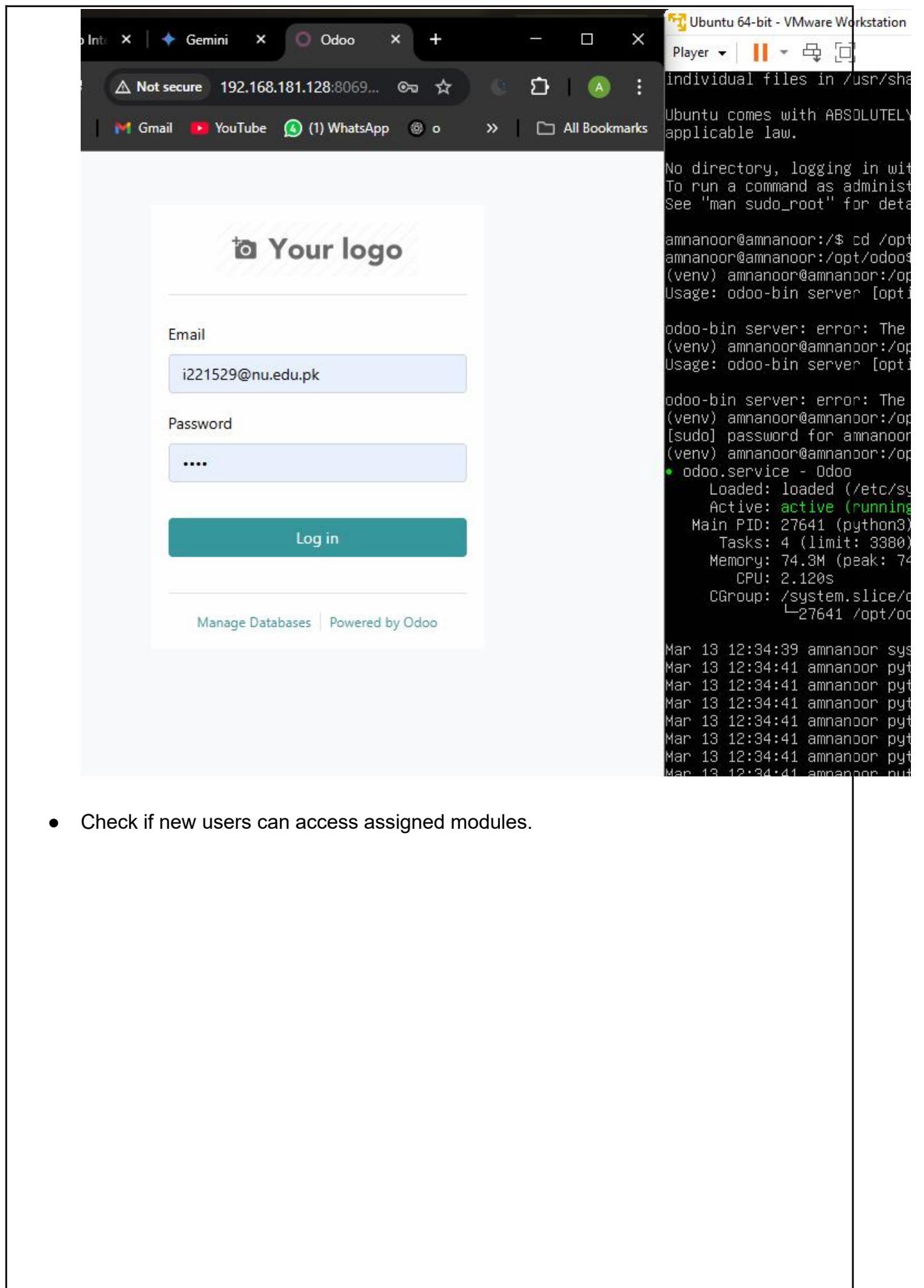
Odoo - Amna Noor Gemini art cafe's logo - Google Search (5) WhatsApp

The screenshot shows the Odoo Partner form for 'Amna Noor' on the left and a 'Print' dialog on the right. The Partner form includes fields for Company Name, Contact information (Street, City, State, ZIP), Tax ID, Job Position, Phone, Mobile, Email, Website, Title, Language, and Tags. The Print dialog on the right allows setting print parameters like Destination (Microsoft Print to PDF), Pages (All), Layout (Portrait), Color (Color), Paper size (Letter), Pages per sheet (1), and Margins (Default). Buttons for 'Print' and 'Cancel' are at the bottom.

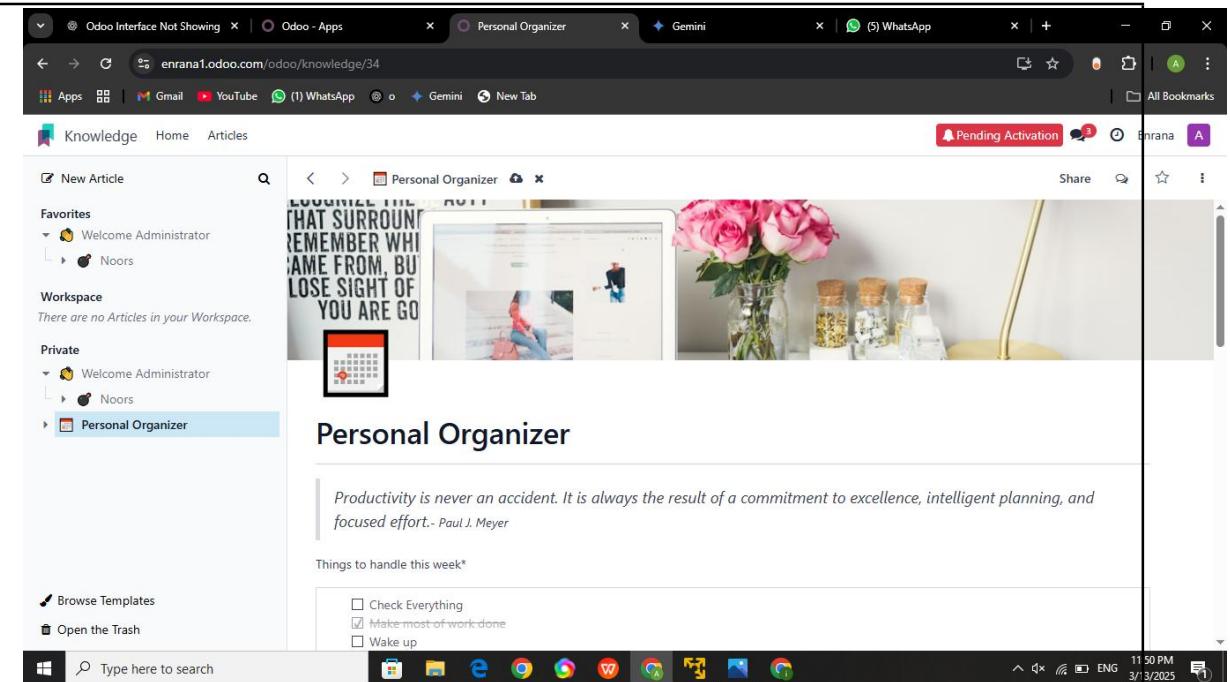
3. Testing and Verification

3.1 Verifying Initial Configuration

- Confirm user login/logout works.



- Check if new users can access assigned modules.



- Ensure **company details, currency, and language settings** are correctly applied.

Name	Login	Language	Latest authentication
Administrator	i221529@nu.edu.pk	English (US)	03/13/2025 17:57:24
Amna Noor	amnanoorse2003@gmail.com	English (UK)	

3.2 Testing Advanced Configurations

- Validate **custom fields** by creating new records and verifying field visibility.

The screenshot shows the Odoo interface with the title bar "Odoo - Contact". The main content area displays a table of fields for the 'Contact' model. The columns include Field Name, Type, Type, Selection, and various checkboxes for configuration. Fields listed include tz, tz_offset, use_partner_credit_limit, user_id, user_ids, vat, website, website_message_ids, write_date, write_uid, x_nameProduct, and zip.

	tz	Timezone	selection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Base Field	
	tz_offset	Timezone offset	char	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Base Field	
	use_partner_credit_limit	Partner Limit	boolean	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Base Field	
	user_id	Salesperson	many2one	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Base Field	
	user_ids	Users	one2many	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Base Field	
	vat	Tax ID	char	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Base Field	
	website	Website Link	char	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Base Field	
	website_message_ids	Website Messages	one2many	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Base Field	
	write_date	Last Updated on	datetime	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Base Field	
	write_uid	Last Updated by	many2one	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Base Field	
	x_nameProduct	Hi_Product	char	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Custom Field	
	zip	Zip	H_i_Product	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Base Field	

- Test automated workflows by creating sample orders.

The screenshot shows the Odoo interface with the title bar "Sales Orders / S00002". The main content area displays a form for a new sales order. It includes sections for "Add a product", "Add a section", "Add a note", and "Terms and conditions...". On the right, it shows financial details: Untaxed Amount: 350.00 Rs., Sales Taxes: 59.50 Rs., and Total: 409.50 Rs. Below the form, there are buttons for "Send message", "Log note", and "Activities". A sidebar on the right shows recent activity logs for the administrator.

The screenshot shows the Odoo interface with the title bar "Scheduled Actions". The main content area displays a table of scheduled actions. The columns include Priority, Action Name, Model, Next Execution Date, Interval Number, Interval Unit, and Number of Calls Active. Two entries are listed: "5 Auto Confirm Sales Order" for Sales Order at 03/16/2025 19:31:00 with 1 Month interval and 2 active calls, and another entry for the same action at 04/13/2025 19:28:43 with 1 Month interval and 0 active calls.

	Priority	Action Name	Model	Next Execution Date	Interval Number	Interval Unit	Number of Calls Active
	5	Auto Confirm Sales Order	Sales Order	03/16/2025 19:31:00	1	Months	2
	5	Auto Confirm Sales Order	Sales Order	04/13/2025 19:28:43	1	Months	0

- Generate custom reports to ensure they display the correct data.

The screenshot shows a Microsoft Edge browser window with multiple tabs open. The active tab displays the Odoo interface, specifically the 'Companies / Enrana / Preview External Report' page. A yellow 'Report' box on the right indicates an issue with finding 'Wkhtmltopdf' on the system, stating: 'Unable to find Wkhtmltopdf on this system. The report will be shown in html.' Below this, there is sample text: 'Enrana
Meat Market
Fateh Jang 43350
Pakistan'. A 'PRINT' button is visible above the text.

Below the main content, there is a horizontal line with the identifier 'o3115553110 i221529@nu.edu.pk 123'.

The taskbar at the bottom shows various pinned icons and the date/time: '11:36 PM 3/1/2025'.

A second screenshot shows a 'Print' dialog box overlaid on the Odoo interface. The dialog is titled 'Print' and specifies '1 sheet of paper'. It includes fields for 'Destination' (set to 'Microsoft Print to PDF'), 'Pages' (set to 'All'), 'Layout' (set to 'Portrait'), 'Color' (set to 'Color'), and 'More settings'. On the left, the Odoo partner form for 'Amna Noor' is visible, showing contact details like name, address, phone, and email. At the bottom of the print dialog, there are 'Print' and 'Cancel' buttons.

The screenshot shows a web browser window displaying a sales order from Odoo. The URL in the address bar is 192.168.181.128:8069/my/orders/2?access_token=50f201a1-aada-41e2-8388-276e58523a19. The page title is "Sales Order S00002".

Sales Order S00002

Order Date: 03/14/2025

Invoicing and Shipping Address:
Lunch Supplier

Pricing

Products	Quantity	Unit Price	Taxes	Amount
Cheese Burger	1.00 Units	350.00	Standard Sales Tax 17%	350.00 Rs.
Untaxed Amount				350.00 Rs.
Sales Taxes				59.50 Rs.
Total				409.50 Rs.

Left Sidebar:

- 409.50 Rs.**
- Download** | **Print**
- Sales Order S00002
- Pricing
- History
- Salesperson
- Administrator
- Send message
- Powered by

System Tray:

- Type here to search
- Windows Start button
- Taskbar icons: File Explorer, Mail, Edge, Chrome, Word, Google Sheets, Google Slides, Google Photos, Task View, File Explorer, Mail, Edge, Chrome, Word, Google Sheets, Google Slides, Google Photos
- System status: 9:49 PM, ENG, 3/14/2025