

Lighthouse Communities Foundation – Auto NDA Generator

A simple web application that automatically creates **NDA DOCX + PDF + Report files** for every employee using an Excel file and a DOCX template.

1. What This App Does

When you use this tool:

1. You upload employees.xlsx
2. You upload template.docx
3. The app generates the following for *each employee*:
 - DOCX NDA
 - PDF NDA
 - Excel Report (NDA_Report.xlsx)

All generated files are combined into a single ZIP file for easy download.

2. Files Required

A. Employees Excel File (.xlsx)

Your Excel *must contain these exact columns*:

- emp_name
- city
- state
- joining_date
- address
- gender

Example Row:

emp_name	city	state	joining_date	address	gender
Sampada Swami	Pune	Maharashtra	01-12-2025	Khadaki, Pune	Female

B. NDA Template (template.docx)

Inside your DOCX template, use these placeholders:

- {{ emp_name }}
- {{ city }}
- {{ state }}
- {{ joining_date }}
- {{ address }}
- {{ his_or_her }}

Note:

- For male → his
- For female → her

3. Install Required Packages

If you have a requirements file

```
pip install -r requirements.txt
```

If not, install manually

```
pip install Flask pandas openpyxl docxtpl docx2pdf requests
```

4. Run the App

python app.py

Open your browser and visit:

<http://127.0.0.1:5000>

5. How to Use the App

1. Open the web app in your browser.
2. Upload employees.xlsx.
3. Upload template.docx.
4. Click Generate NDA.
5. Wait until processing completes.
6. Click Download ZIP to get:
 - All DOCX NDA files
 - All PDF NDA files
 - NDA_Report.xlsx

6. Troubleshooting

Excel Header Error

✓ Ensure column names match exactly.

(Example: emp_name not Emp Name)

PDF Not Generating

- Microsoft Word must be installed (Windows/macOS).
- On Linux → use LibreOffice.

Download Link Expired

- The server restarted — just generate again.

Module Not Found

Install the missing library:

pip install module_name

7. Project Structure

project/

```
|— app.py
|— requirements.txt
|
|— templates/
|   |— index.html
|
|— static/
|   |— lcf_logo.jpg
```