

# 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*:
  - o DOCX NDA
  - o PDF NDA
  - o 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
```