📌 Task Overview

Build a **web application** that can **translate PDF files** between **Hindi and English**, in both directions. The application should allow users to:

- Upload a PDF

- Choose translation direction (Hindi → English or English → Hindi)

- Download a translated PDF that retains the original structure

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✅ Functional Requirements

🔁 Language Translation

- The app must support **two-way translation**: Hindi ↔ English

- Translation should be **intelligent**:

    - Do **not translate abbreviations or acronyms** (e.g., "AI", "NASA")

    - **Skip translation of fully capitalized words** (e.g., "PDF", "ML")

    - Ensure **contextual accuracy**

📄 PDF Handling

- Input PDFs may include **text, tables, images**, and **complex formatting**

- Output PDF must preserve:

    - Original **fonts and formatting**

    - **Page structure**

    - **Tables and images**

- The solution must support **multi-page PDFs**

🌐 Web Application UI

- Simple interface to:

  - Upload a PDF file

  - Select translation direction

  - Download the translated PDF

⚙️ Technical Notes

- You may use any programming language or framework (**please specify your tech stack**).
- We encourage using Streamlit for a quick UI—consider deploying your app on Streamlit Cloud, which is free.
- You are free to use any open-source LLM model or translation API, as long as it is **genuinely free to use at a minimum of 10 PDF translations per day**.
  - **Note: APIs that offer only a limited-time trial (e.g., Google Cloud's $300 trial) do not qualify as free for this task.**
- Clearly list any **libraries, models, or APIs used** in your submission**.**

🚀 Deployment Requirement

Please **deploy your web application** (e.g., on **Streamlit Cloud**) and include:

- A **public link** to access your live app

- A **sample input PDF file** and the **translated output** generated via your app

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📂 Submission Instructions

- Submit your solution as a **GitHub repository** or **ZIP file**

- Include a clear **README** with setup instructions

For any queries, feel free to contact us at ankit.kumar@amlgolabs.com