

Use the following tech stack:

Django
React
SQLite
Docker

Please do not share this test project with anyone

You are building a new CSV uploader tool. This tool maps the uploaded CSV to a given database structure.

For example, let's say the input data is:

First Name	Last Name	Class 1	Class 2	School	Location
Beth	Smith	English	Math	Harvard	Boston
Rahul	Shankar	Physics	Chemistry	Stanford	Palo Alto

(This is just an example CSV, the input data could have different headers)

The database structure is

Name	String
Class	String
School	String
State	String

Example result from a mapping:

Name	Class	School	State
Beth Smith	English	Harvard	MA
Beth Smith	Math	Harvard	MA
Rahul Shankar	Physics	Stanford	CA

Rahul Shankar	Chemistry	Stanford	CA
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Build a simple UI and basic backend to help map any CSV to a given database with at least the operations above.

What we're looking for

1. Simplicity and user experience to help design this tool
2. Code quality
3. Understanding edge cases of such experience

Code can be shared in a private github repo with instructions to run in the README
Add akshit@trynarrative.com to the repo.

Couple of things to do before you submit:

1. Try running it from a fresh install (follow the steps in the readme)
2. Do add things you would have done if you had more time in the README

Hope you enjoy the project and please don't spend more than a day on this!