10K CHALLENGE

Instructions

Please read the problem and challenge below thoroughly. Once you have completed the challenge, please zip it all up (including any database files) and send it to **web@egan-jones.com**. Or, upload it to Github or Bitbucket and share the repository with **web@egan-jones.com**. In the email, please indicate any issues you've encountered and how long it took you to complete the challenge.

Problem

The Ratings team needs to grab the Consolidated Statements of Cash Flows for several companies. Each team member does not want to check it manually because it is very time consuming.

Challenge

Using Python, the Django framework, and an SQLite database, create a simple web form that a user can enter in a list of company ticker symbols. When the user clicks the Submit button, the application should check against the SEC's EDGAR Company Filings database (https://www.sec.gov/edgar/searchedgar/companysearch.html) to grab the Consolidated Statements of Cash Flows from the company's 10K form. Store each financial data item along with the value for each fiscal period (as shown on the website) in a table in our local (web) database. Create a list and detail view to show the data from the database. The list view should show a list of companies. And the detail view should show the financial data for the selected company.

Ticker Symbols
TSLA
WMT
AAPL
MSFT