

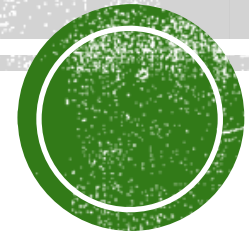
Office visitors log

By

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(done as a part of final project – Python for programmers)

06/13/2016



Overview

- Office Visitors Log - a web based application for
 - tracking and
 - managing visitors to an office.
- Visitors use this program to provide their name, email address, phone number and the person they are visiting.
- The application is also used by the front desk receptionist or security personnel or system administrator to
 - view all the visitors in the system,
 - filter the visitor information based on a date range and
 - to download the filtered set of data.



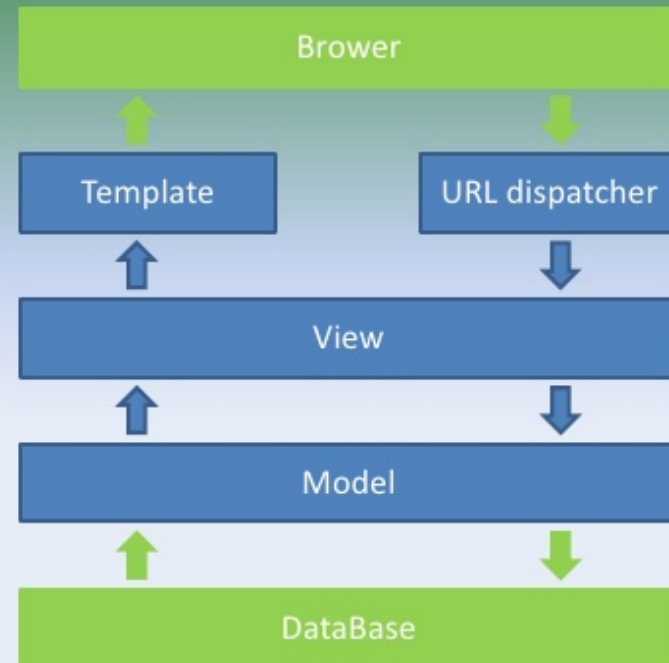
Technologies used

- Programming Language : Python 2.7
- Framework : Django (1.9.7)
- Database : SQLite3
- IDE : PyCharm IDE 2016.1.4
- CSS : Bootstrap 3.3.6 (just imported as one css file)



Django Architecture

Architecture Diagram



Demo of the code



Challenges faced

- Learning a new framework
 - New concepts like migrations, templates, models
 - Wiring all the pieces together – Getting the first HTTP Request to HTTP Response was a challenge
 - Once the first flow of code for HTTP Response is implemented, the rest of the functions are easy



Thank You

