

Final Project Developer Guide

Logic:

The core logic of this project is in index.py

This project is split into several small problems. Each has been handled by its own RequestHandler.

There are five main features: create survey, manage survey, browse survey, vote on survey and show vote results.

Each of those features has its own url pro-fix and corresponding RequestHandler.

Basically, the handlers receive data from request, manipulate the data, and then generate a html page and send it back to user.

Data:

There are only two db.Model in this application.

Survey:

maintains the survey title, created user, created time and the users who has voted on this survey. Also, it has a implicitly created property called 'questions'

Question:

used to record the question, choices for this question, and the answers to this question.

Answers is a String list, used to compute the voting results. It has a many to one relationship with survey. ReferenceProperty survey is used to reference to it's corresponding survey.

Data Communication:

Most of the data is transferred via form using 'post' method. In several place 'get' method is also used to transferred data.(index.py line 225, 248, 272). I think it is a problem because core user information is exposed(in this case, user.nickname is exposed), but due to technical reason I have use it.