Senior Project

Design Document

Drop-in Tutoring Web Application

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Summary

Technology Stack

Application Views

Home

Log In

Drop-in Tutoring Schedule

Survey/Feedback Form

Navigation Bar

Tutor Session Logbook

Shared Knowledgebase

Session Report Page

RESTful API

All endpoints in the RESTful service. For each endpoint, provide all inputs and outputs. Reflect briefly (in pseudo code) on how you will implement the endpoint. As an example, consider the “cities in a country” endpoint in my sample code. This might be written up as follows:  
  
Endpoint: POST /cities/:country  
Purpose: Returns cities in a given country  
Inputs:  
        country name: path parameter  
Output: JSON array of  
        city-name: String  
        population: integer  
Implementation:  
        Join the city and country tables listed in the database section and retrieve desired information

Database Design

Implementation Plan

Write am implementation plan for the first two weeks in the implementation phase. This must include all the action items for this time period and an assignment of responsibilities for individual team members. Note that I will use your writeup to assess how you have progress at the midway point in the implementation phase.

Features: Log-in, API implementation

Views: Home, Log-in, Navigation bar

Database instantiation