Web Services Final Project

Josh Sempier, Marios Georgiou, Sun Min Lee

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# Features Implemented

Our Project was an implementation of a website designed to be used for an IT conference. The website would utilize multiple technologies in ASP.NET as well as C# and was coded exclusively in Visual Studio.

## Site Map

The website utilized many pages given the scope of the project. To make navigation of the page easier, a site map was implemented which allowed users to move between pages with general ease.

## Database

The site made great use of a database to store both user and backend data. The database was setup such that it would store users account information as well as their papers to be used for the conference. To that end, cookies were used to maintain user login information during a session, however to avoid clutter on test machines the cookies were not given an expiration date and therefore expire upon the end of a browser session. To change this is very simple.

## CSS

A dedicated style sheet utilizing CSS3 was implemented in order to create a clean, uniform look through the website. The style sheet defined elements throughout the entire website such that almost no part was untouched by CSS.

# Features Not Implemented

There were a few things that, given more time, would have been added to the website, but were scrapped in the interim.

## Hotel Registration

A dedicated hotel registration page would have been used for the website. It would have been able to take registration information from a user and then store it in a table on the database. The page would also have code to check if the given hotel was full or running out of space and change the pricing as needed.

## Security

The pages on the website are not secure, in that if someone were to simply type the URL for the admin view page they would be able to view it. Given more time the admin page would have a check requiring an admin login to be active (through a cookie) before allowing the user to view that page.

## Papers

In its current state the website does not physically take papers uploaded by users. Given more time that would have been implemented as well as a system where in admins could flag people to review different papers as well as assign them to topics for presentation throughout the conference.

## Calendar

A dynamic calendar with information on papers being presented during topic windows would have been utilized. It would have pulled data from the database to have dates and times set for different presentations, as well as the papers being used during those presentations.

# Extras

Given the time constraints there were not many extra features added.

## Javascript

There was Javascript implemented on one of the pages which allowed an in page pop up of the guidelines for the project.

# Improvements

Many things that would fall under this header were discussed in the Features Not Implemented page.

## CSS

Given additional time the CSS would likely have been improved upon to create a more professional looking website.

# Web Site Architecture

All pages below were linked through a common sitemap.

## AdminView

This page allowed for standard admin tasks, such as editing the database, creating new admins, or editing papers that had been submitted.

## CallForPaper

## This page showed users which topics needed papers.

## Conference

This page gave some information on the topics held at the conference.

## Dates

This page gave information on important dates with relation to the conference.

## FinalMaster

This was the master page for the website and defined the layout of the website, including the sitemap.

## GeneralInformation

This page gave users general information regarding the conference.

## GIFee

This page gave information about the costs of the conference.

## GIHotel

This page contained a form for booking a hotel room.

## Guidelines

This page gave guidelines for submitting papers.

## Home

This page was the main landing page for the website and contained a countdown timer until the conference began.

## KeyNoteSpeakers

This page gave information on the speakers for the conference.

## MajorAreas

This page showed the areas that would be covered in the conference.

## PaperSubmit

This page allowed a user, when signed in, to submit a paper.

## Register

This page allowed people to create an account for the website.

## ReviewerLogin

This page was the general login page for the website.

# Work Load Split

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| --- | --- |
| Josh Sempier | Creation of the website pages and beginning of master page. Implementation of login and papers table on the database. Use of database connections within pages, as well as cookies to store user login information, final write up. |
| Marios Georgiou |  |
| Sun Min Lee |  |