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Conference Registration System

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Conference Registration System

Project Objective:

To create a conference management system which persistently handles registration for conferences.

What is the CCC?

- ❖ The **Computational Complexity Foundation (CCF)** is an organization aiming to foster research and education in computational complexity theory.
- ❖ The main activity of the organization is its annual conference, the **Computational Complexity Conference (CCC)**.

Issues Addressed:

- ❖ **Not Consistent** - All of the information is manually maintained, and registration is wholly handled by the host institution in the city where the conference is being held at any given year.
- ❖ **Not Centralized** - Data pertaining to past conferences is maintained manually and not in a central database.
- ❖ **Labor intensive** - The current method of data storage and access is a very time consuming and labor intensive manual process.

Why our Website?

Our system takes a user through the conference registration process in an efficient, time-saving manner.

The Computational Complexity Foundation will also be able to easily view and export statistics concerning Conferences.

We have also designed the system to be useful for a variety of organizations.

Website Workflow:

Users: Have the capability to:

- ❖ Register for our system,
- ❖ View conference information
- ❖ Register and pay for conferences they wish to attend.

Administrative User: Have the ability to:

- ❖ Create conferences
- ❖ Manage conference information
- ❖ Download conference statistics.

Site Administrators: Have:

- ❖ Complete control over the database
- ❖ Complete control over all conferences in the system.

CCC Website Framework:

Database: MySQL

User Interface: Django and CSS for Visualization

The screenshot shows a web application interface. On the left, there is a form titled 'Create a new conference' with fields for 'Conference name', 'Conference date', 'Conference location', 'Affiliation', and 'Notes'. A green 'Submit' button is at the bottom. On the right, there is a 'Search Criteria' section with a table of transactions. The table has columns for ID, Transaction Date, Type, Status, Customer, Payment Information, and Amount. Below is the data from the table:

ID	Transaction Date	Type	Status	Customer	Payment Information	Amount
02be33e9	02/21/2017 05:04:51 PM CST	Sale	Settled		payer@example.com	\$10.00 USD
2p7bb1nd	02/21/2017 04:06:08 PM CST	Sale	Settled		411111*****1111	\$10.00 USD
cgv0gm0c	02/20/2017 02:41:36 PM CST	Sale	Settled		411111*****1111	\$10.00 USD
pyw07a	02/20/2017 04:39:50 AM CST	Sale	Settled		payer@example.com	\$10.00 USD
p1f0p04n	02/20/2017 04:34:35 AM CST	Sale	Settled		payer@example.com	\$10.00 USD

