Point-In-Time Data Recovery UI

*_Paid internships_* after Field Session will be offered to students that perform well. These often extend into the school year, and after graduation turn into full-time positions. Inquiries for paid internships/full-time positions are always welcome, even for students who do not work on this project.

Client

David Flammer, Datava.com, david@datava.com

Background

Datava develops enterprise level resource management and business intelligence tools in the cloud. Our customers use Datava to integrate many data sources into a single place, where they can visualize and analyze their data.

Project Goals and Requirements:

You will develop a new user interface to restore and navigate point-in-time snapshots of database tables. The table-level user interface should allow users to simply pick a time they want to restore a table, and the system will pull the snapshot, load it, and allow the user to navigate it from the front-end. A database-level user-interface would allow a user to select a database name and time, and it will install the database into that new database name. I addition to the UI, you will also work with and augment the back-end capture and storage of the snapshots.

Suggested team size and location:

4-5 students. Work can be done from CSM campus or elsewhere (connecting to our remote dev environment) or at our offices in Westminster, CO.

Skills/Experience for CSM Students:

You will learn a lot about how to build user interfaces for web applications.

- Javascript, HTML, CSS: the majority of your work will be in Javascript, possibly with some HTML/CSS mixed in. Some server-side programming will also be required.
- SQL, Database snapshots, compression, and storage.

Note: All intellectual property developed as part of this project will be owned by Datava, Inc.