

Employee Tracker Full Stack Web App

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Abstract

In any workplace, it is always important for managers/leaders to monitor employee performance. Depending on the size of the organization, this can be a daunting task. Many applications that aid in employee tracking allow users to document staff behaviors and actions as journals; however, that is the extent of the application. Once journals are documented and stored, they can be hard to retrieve and lack the overall ability to generate a useful report. This application allows efficient journal logging, retrieval, and report generation. *Employee Tracker*, a full-stack web application, uses a combination of JavaScript, SQL, and various JavaScript libraries and frameworks. *Employee Tracker* implements an efficient and effective means of employee performance reporting.

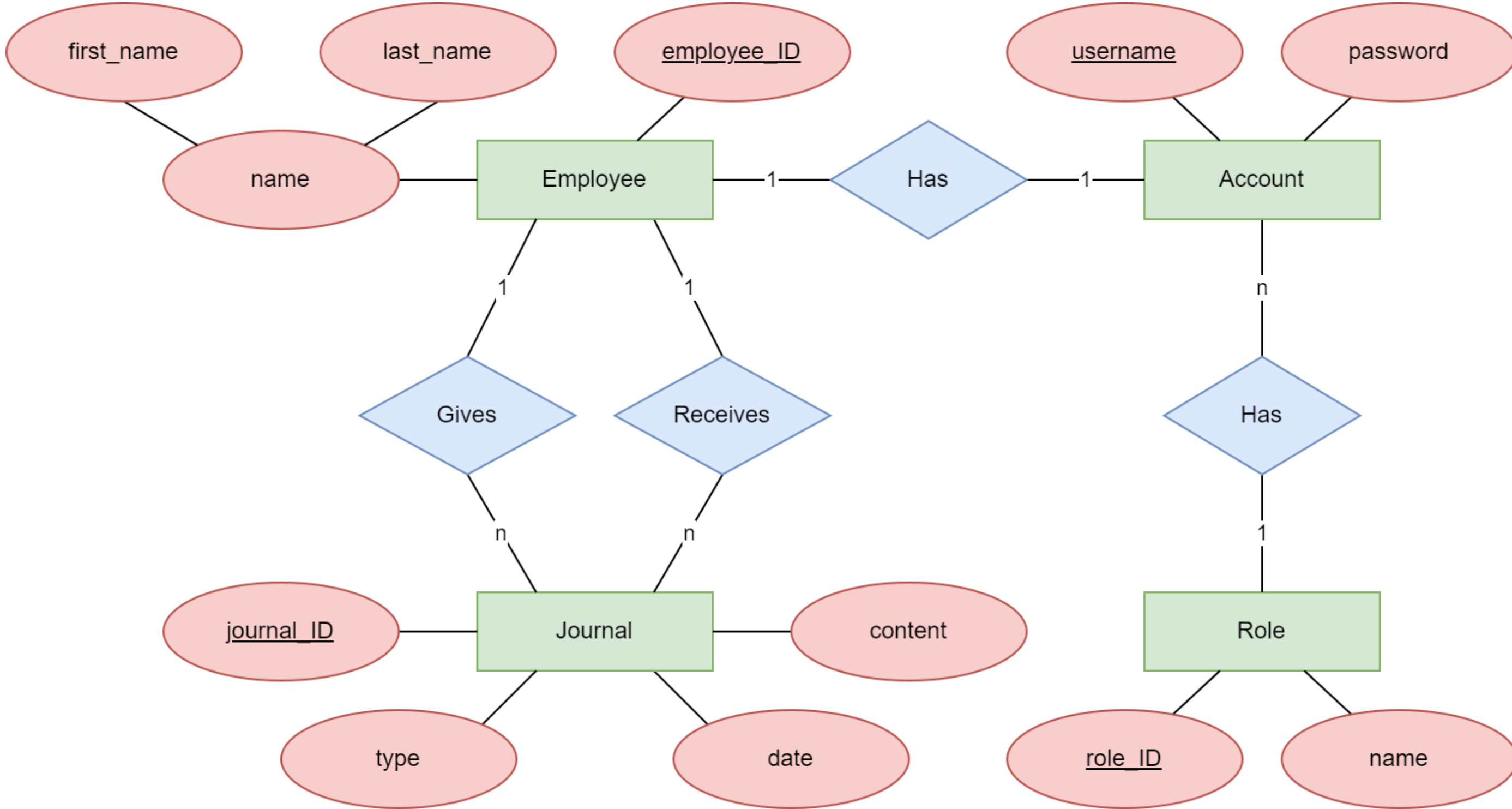
Technologies Used



Features

- Add/retrieve/delete employees
- Order employees by name/number of journals
- Add/retrieve/delete journals
- Retrieve all journals in a given time period.
- Retrieve a single employee’s journals
- Site administration sign-in

Entity Relationship(ER) Diagram



Future Developments

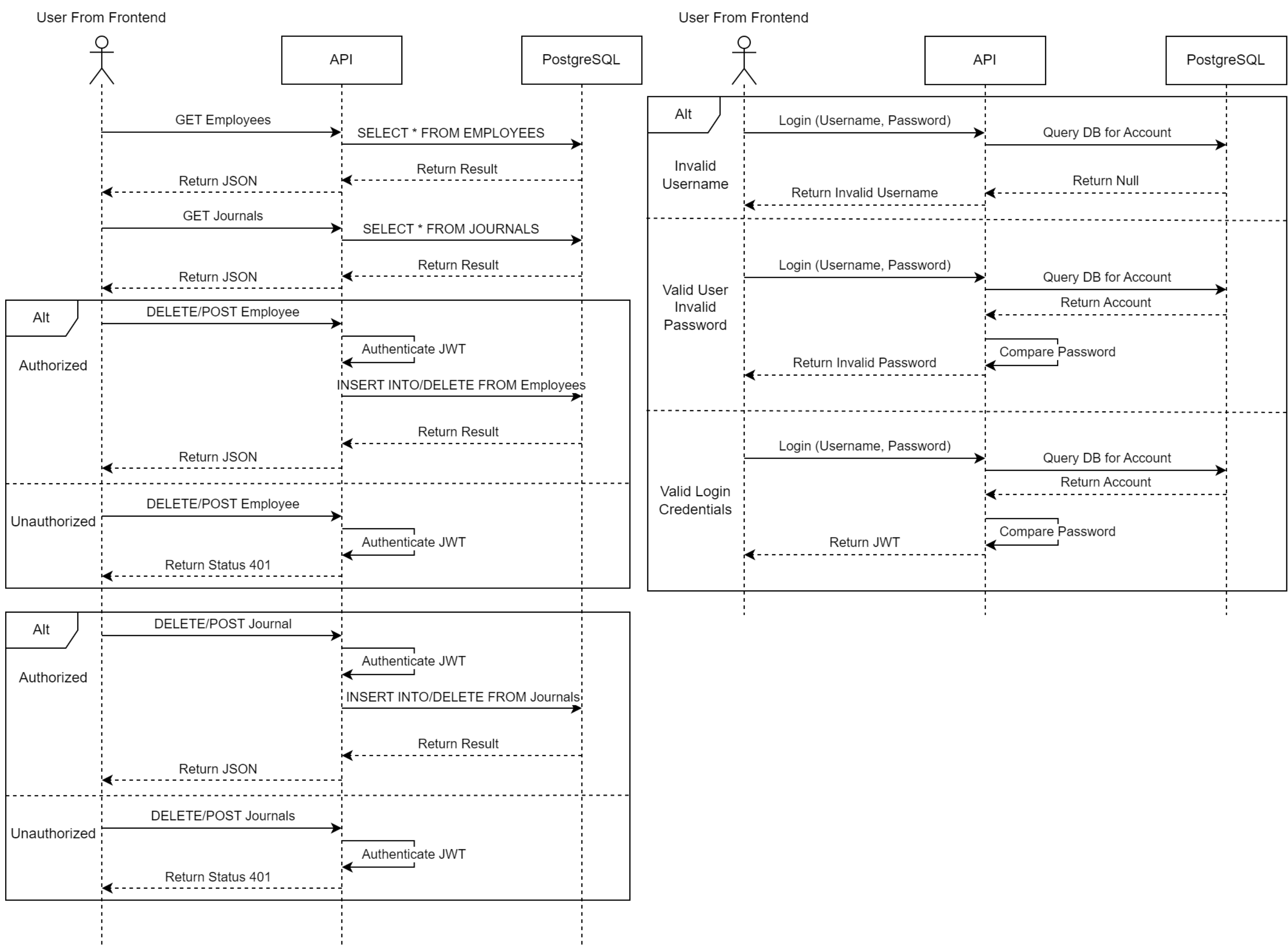
Added Functionality

- Adding ability to create an account
- Adding levels of authorization such as shift manager, manager, owner, etc

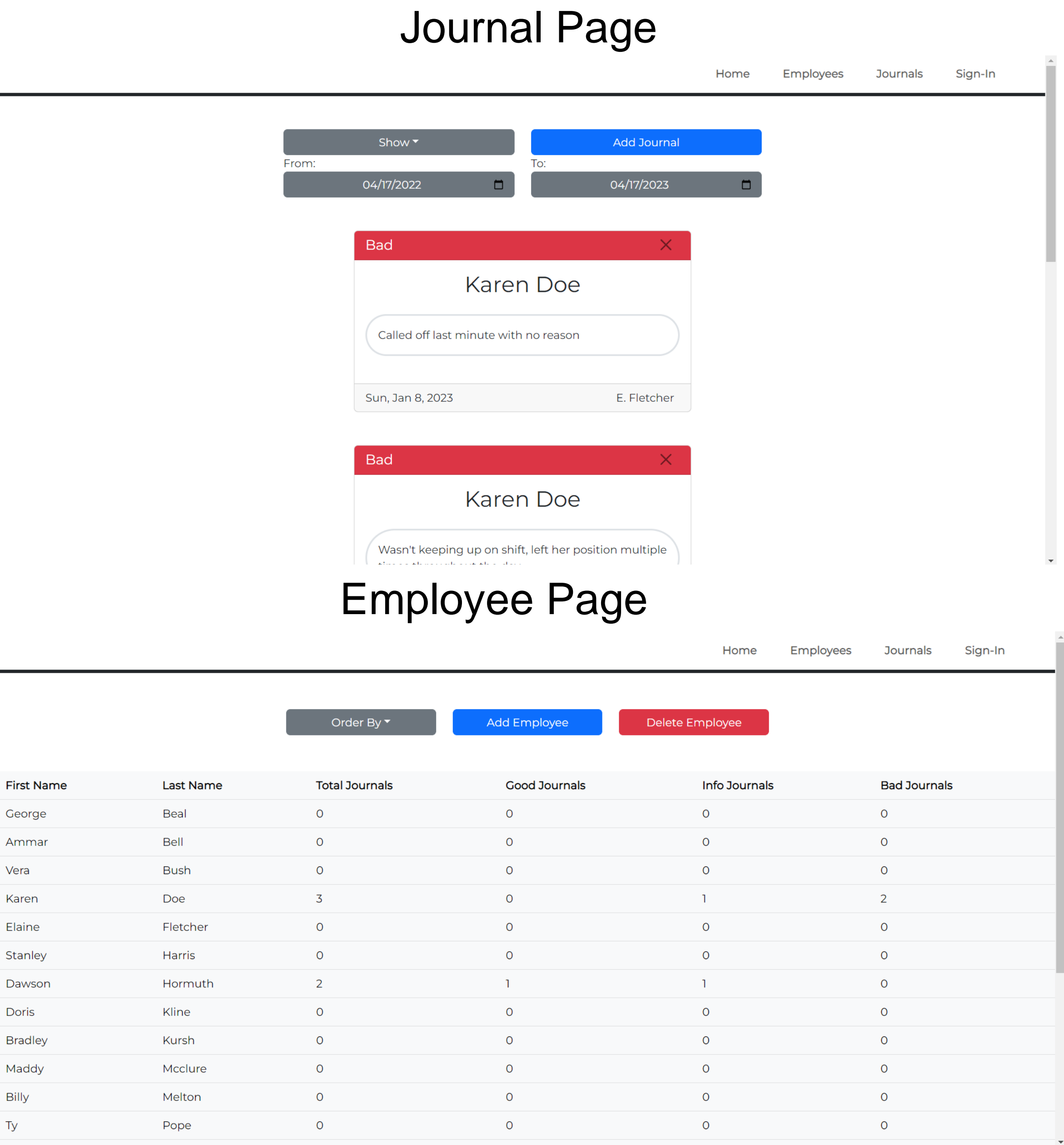
Security and UX

- Increasing security by checking for SQL injection vulnerabilities
- Test usability and improve user interface and user experience

Application Program Interface(API) Sequence Diagram



Relevant Pages



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