MICHIGAN STATE UNIVERSITY

Alpha Presentation

Context-Driven UI Framework

The Capstone Experience

Team Delta Dental CDUIF

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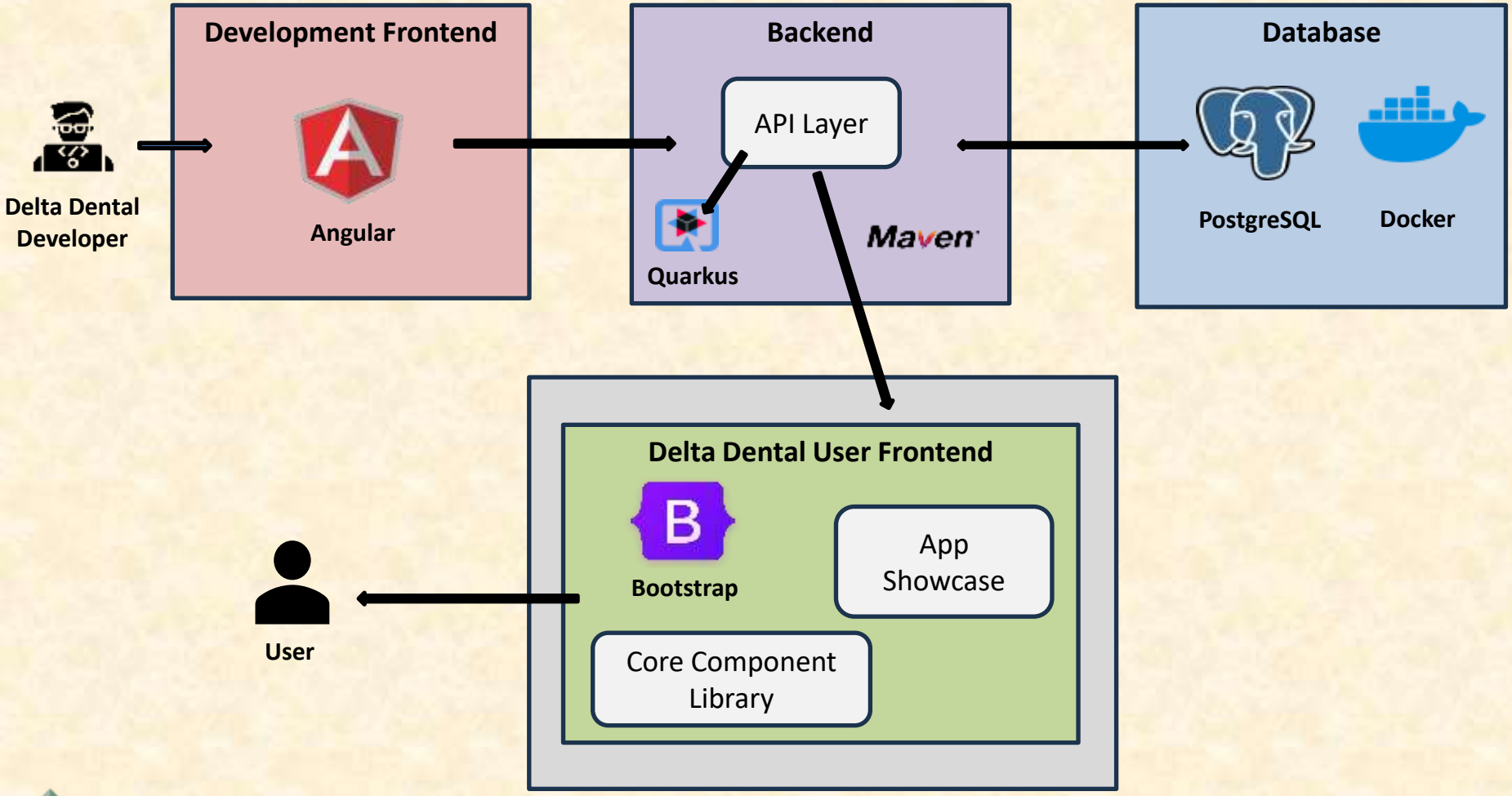
From Students…
…to Professionals

Project Overview

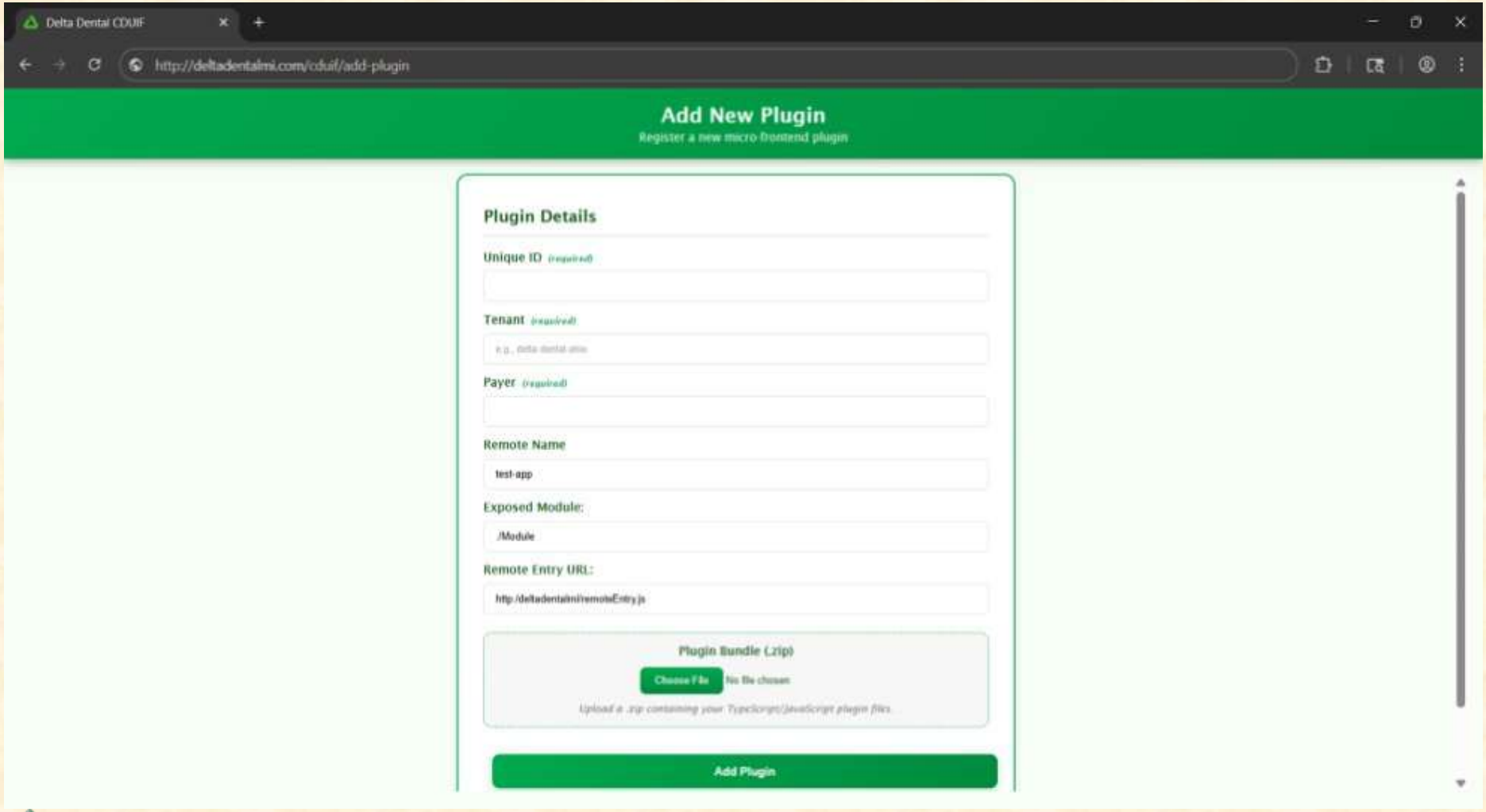
- Develop and maintain several applications which can be customized and extended to fit a variety of use cases
- Certain applications don’t have the ability to achieve complex functionality differences depending on business/user context
- Develop a highly adaptable and dynamic web application that manages executable code(Plugins) during runtime.
- Create, update and load plugins and demo using app showcase
- Core Component Library in bootstrap to establish consistent looks across all plugins
- Backend service performs persistence operations and enables frontend capabilities



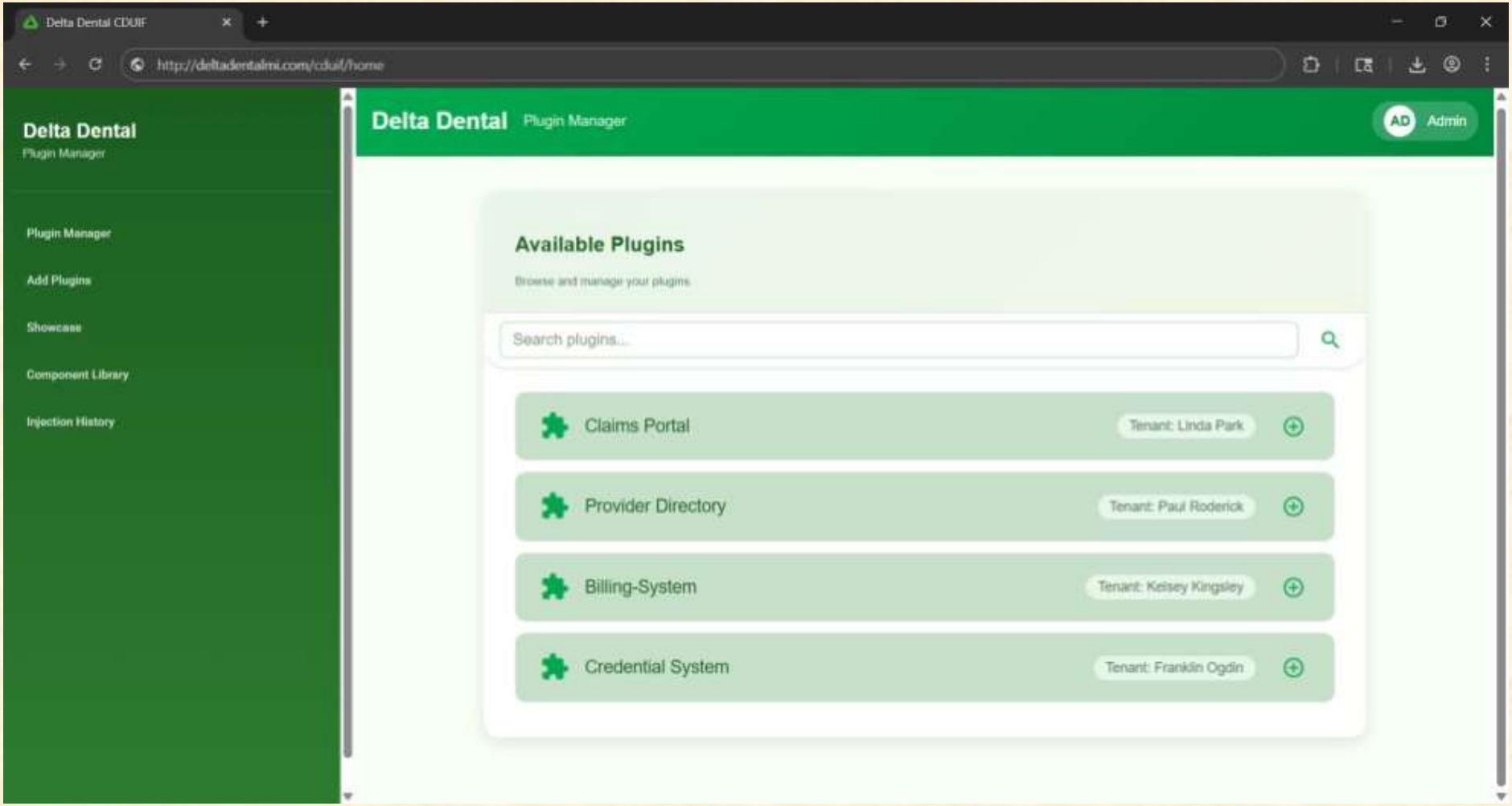
System Architecture



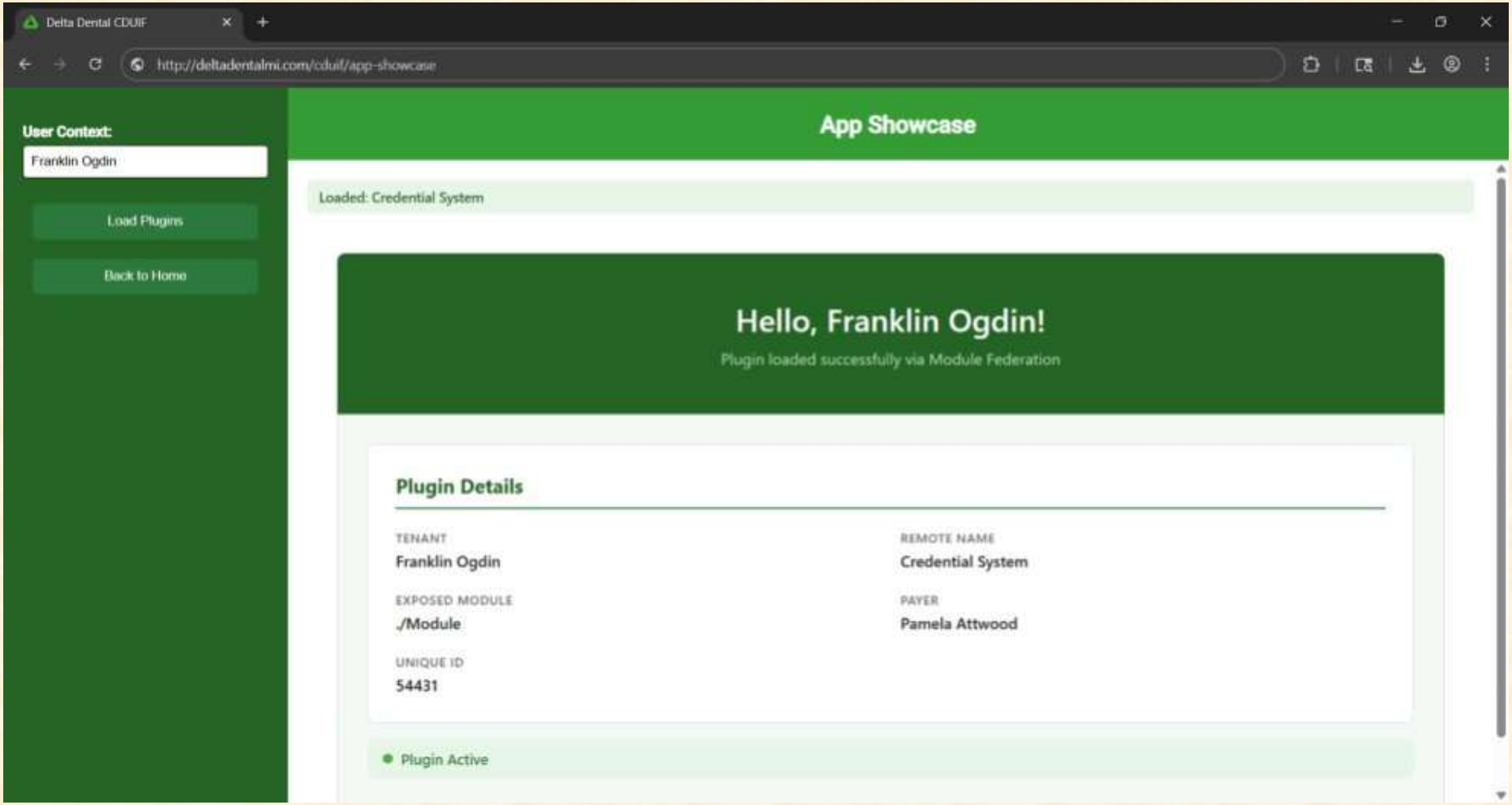
Add New Plugin



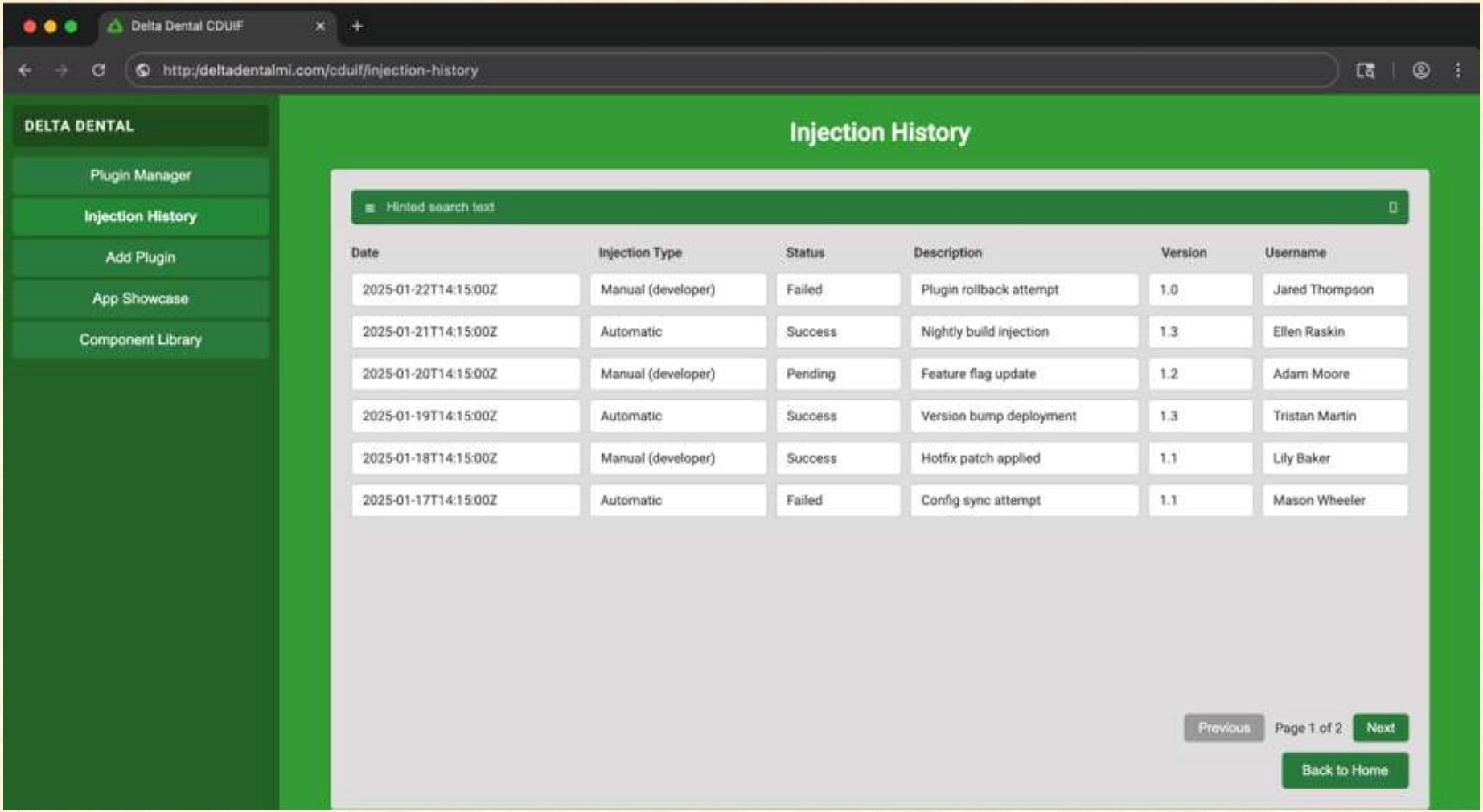
Plugin Manager



App Showcase



Injection History



What's left to do?

- Load plugins from database in app showcase
- Import core-component library
  - Configure Bootstrap
  - Test application incorporating Delta Dental UI
- Functional injection history

Questions?

