# MICHIGAN STATE UNIVERSITY

# Alpha Presentation Al Rule Metadata Generator

The Capstone Experience

Team Delta Dental AIRMG

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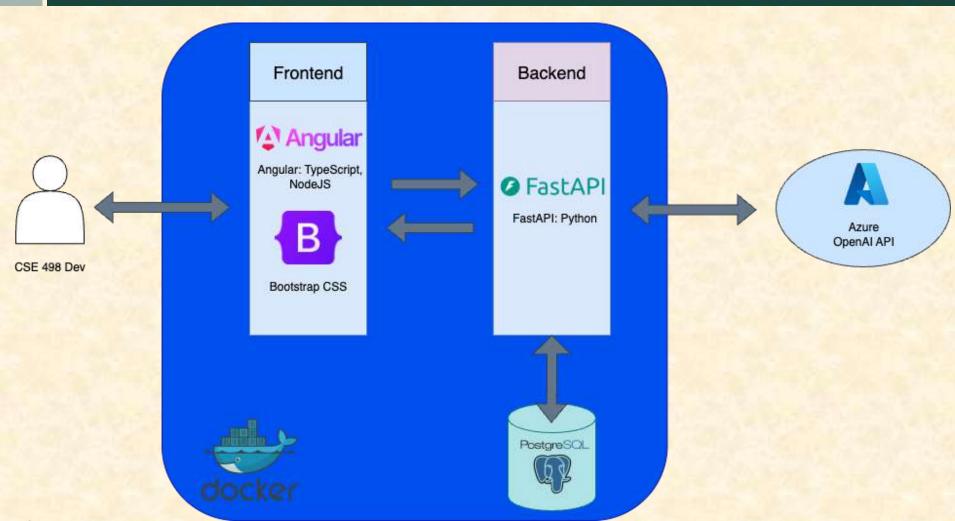
Fall 2025



#### **Project Overview**

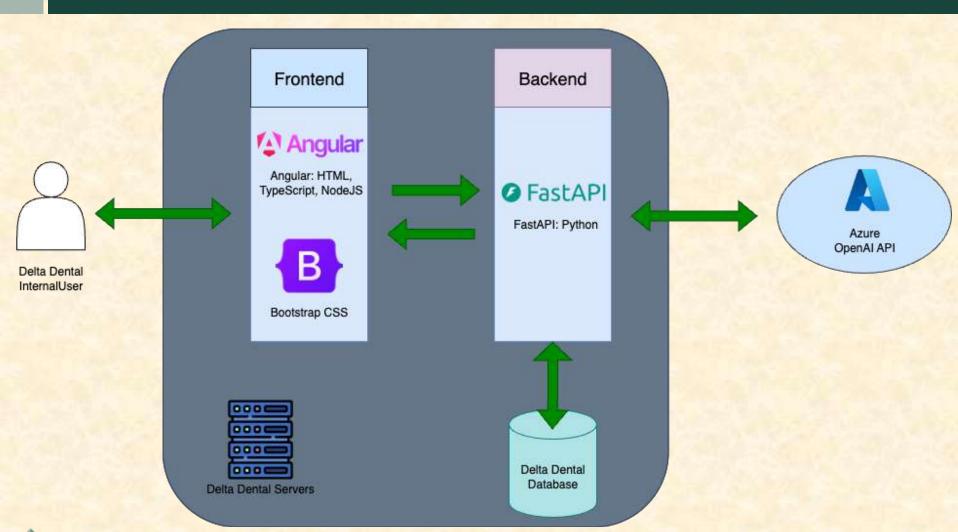
- Delta Dental has millions of clients hyper specific policies
- Subject Matter Experts need a concise summary
- Our tool generates metadata
- Long term goal is to be able to generate metadata dynamically whenever a rule is changed

## System Architecture



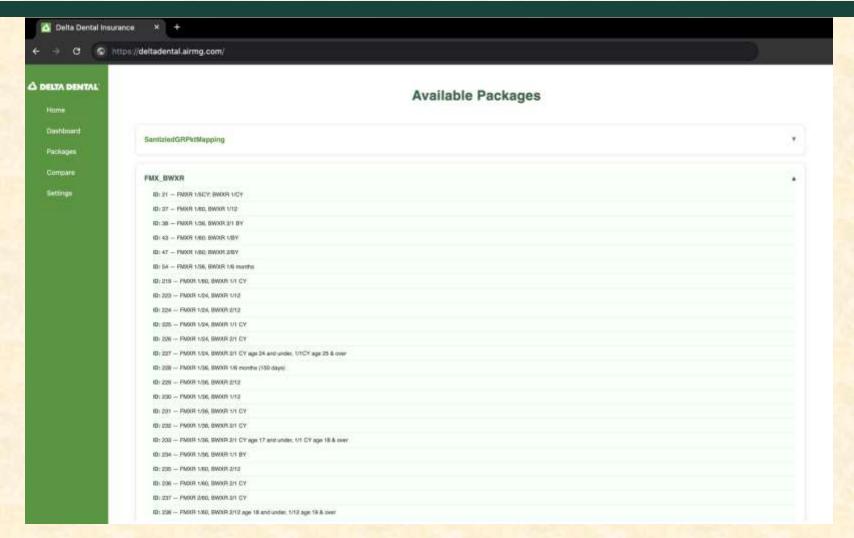


#### System Architecture



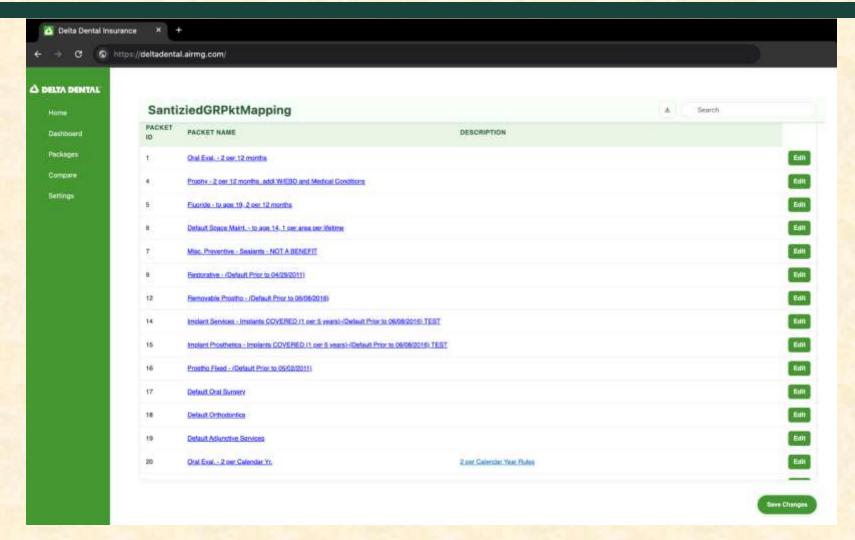


#### View Packages page



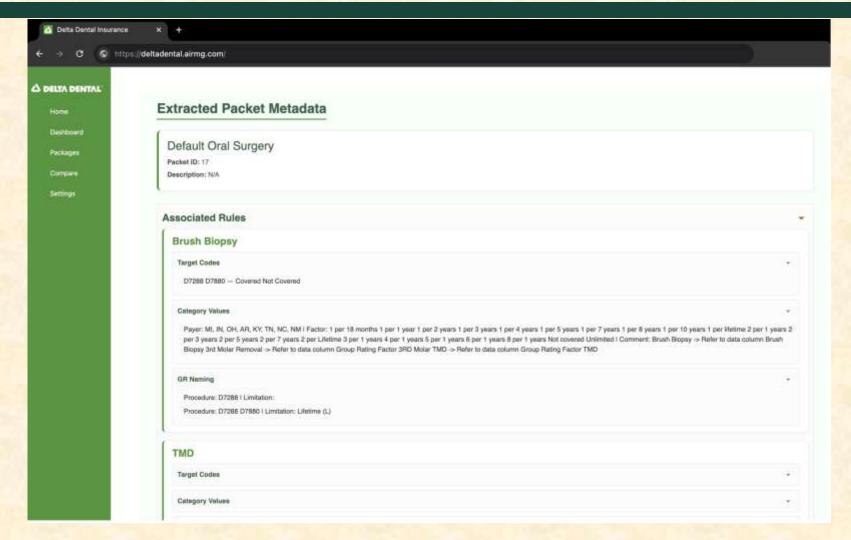


### Package Dashboard



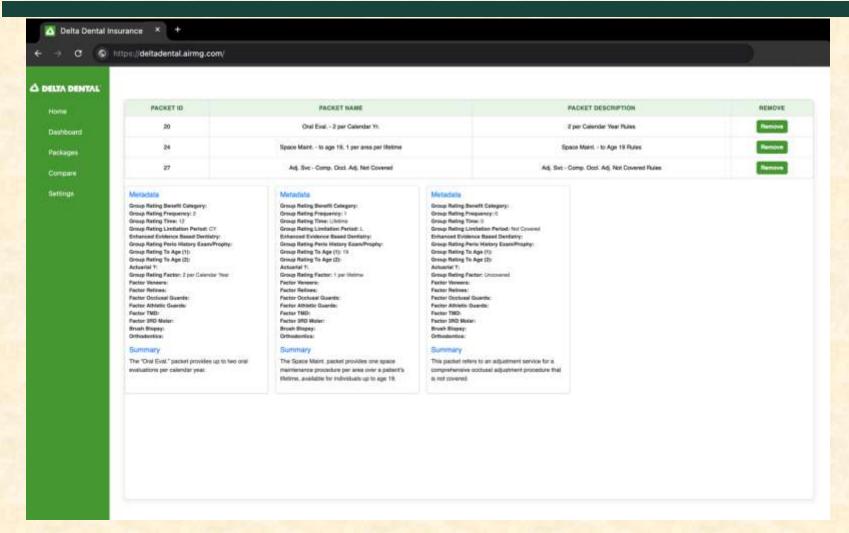


#### Packet Data page





#### Comparison tool



#### What's left to do?

- Implement AI compare feature summary of differences for generated data
- Difference checker for default data
- Refine back-end database and API to work with generated metadata
- Clean up and refine UI/UX Page titles, layouts, component names, etc.

#### Questions?

