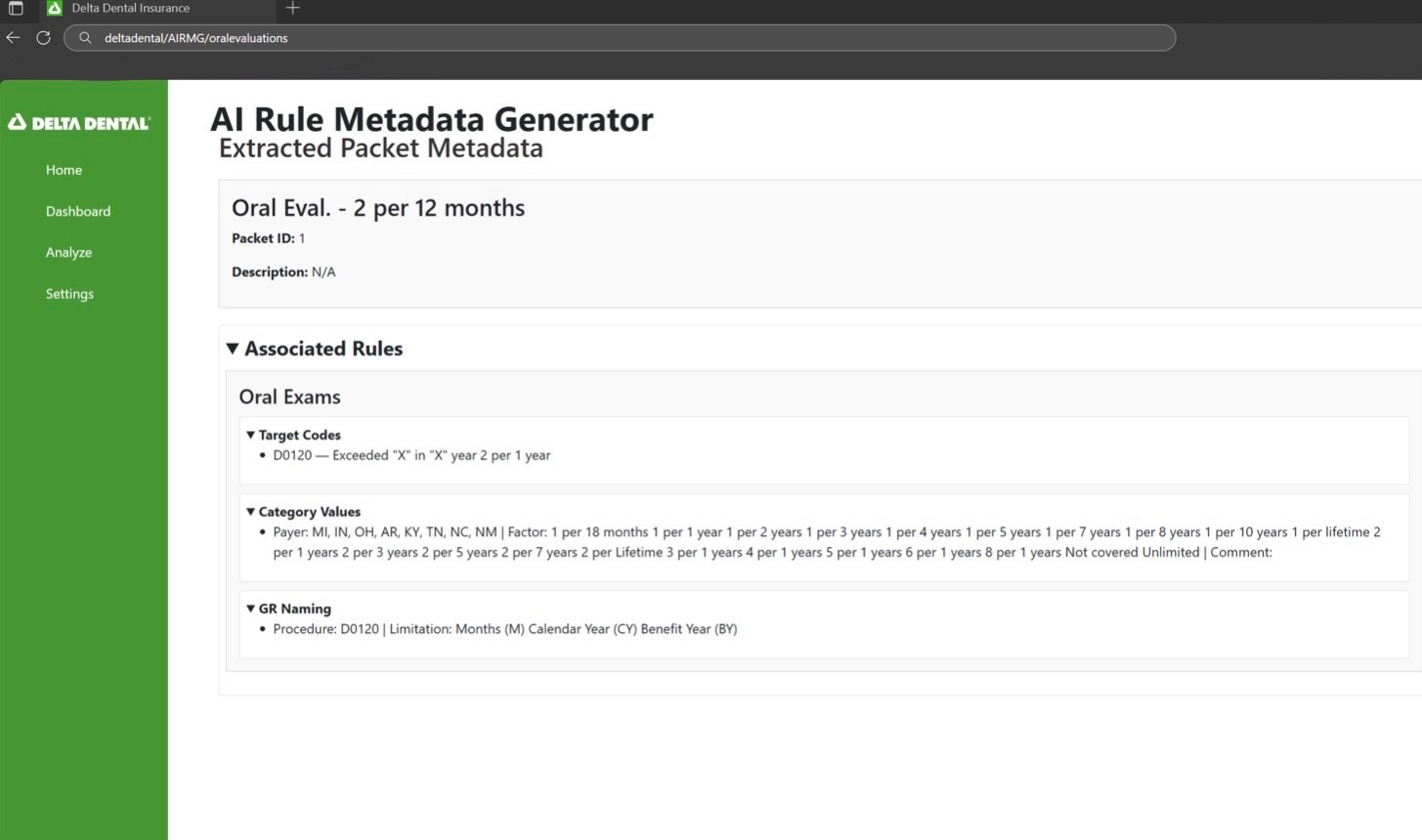
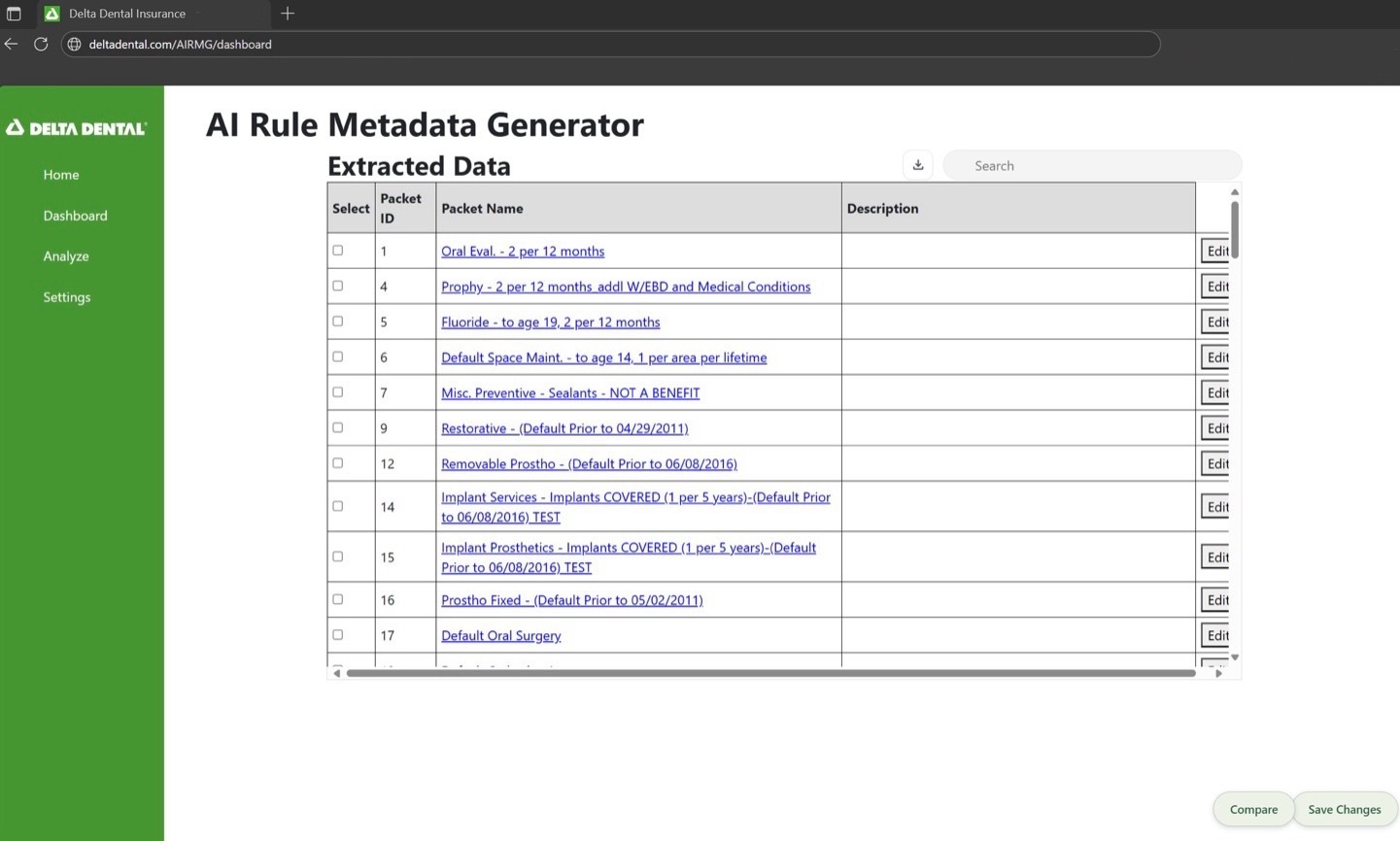
Design Day Booklet Team Page





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Delta Dental AIRMG

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Delta Dental of Michigan is a dental insurance provider primarily serving the Tri-State area of Michigan, Indiana and Ohio. Through their business affiliates, they provide their services beyond the Tri-State area to millions of commercial clients, businesses, individuals, and government programs.

To service their millions of clients, Delta Dental hosts a database of business rules that contain business and dental specific information. These rules are the building blocks of an insurance policy.

These business rules often become unruly in their size and complexity and make it difficult for Subject Matter Experts to obtain an organized and concise summary of these rules.

Our AI Rule Metadata Generator mitigates common issues that Subject Matter Experts often face by employing a large language model that summarizes and builds metadata on these business rules.

The application is accessible through an easy-to-use web interface. The user navigates to the business rule of their interest – either through a manual lookup or by using our search feature – chooses up to four business rules, then clicks our “Generate” button.

The chosen business rules run through the large language model and a concise overview of the available and generated metadata is presented to user in the web application. The user can edit anything they want and then download the generated metadata to use in their work.

Our tool streamlines the process of finding and understanding complex business information.

The front end of our web application is built on Angular. Our back end is built with FastAPI, a PostgreSQL database, and a connection to an OpenAI large language model through Azure services.

3200/3300 Hallway | Third Floor, Computer Science and Engineering 8:00 a.m. – Noon | CSE498

Delta Dental of Michigan, Ohio and Indiana

AI Rule Metadata Generator