



# Beta Presentation

## DSL IDE Test Harness

The Capstone Experience

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*From Students...  
...to Professionals*

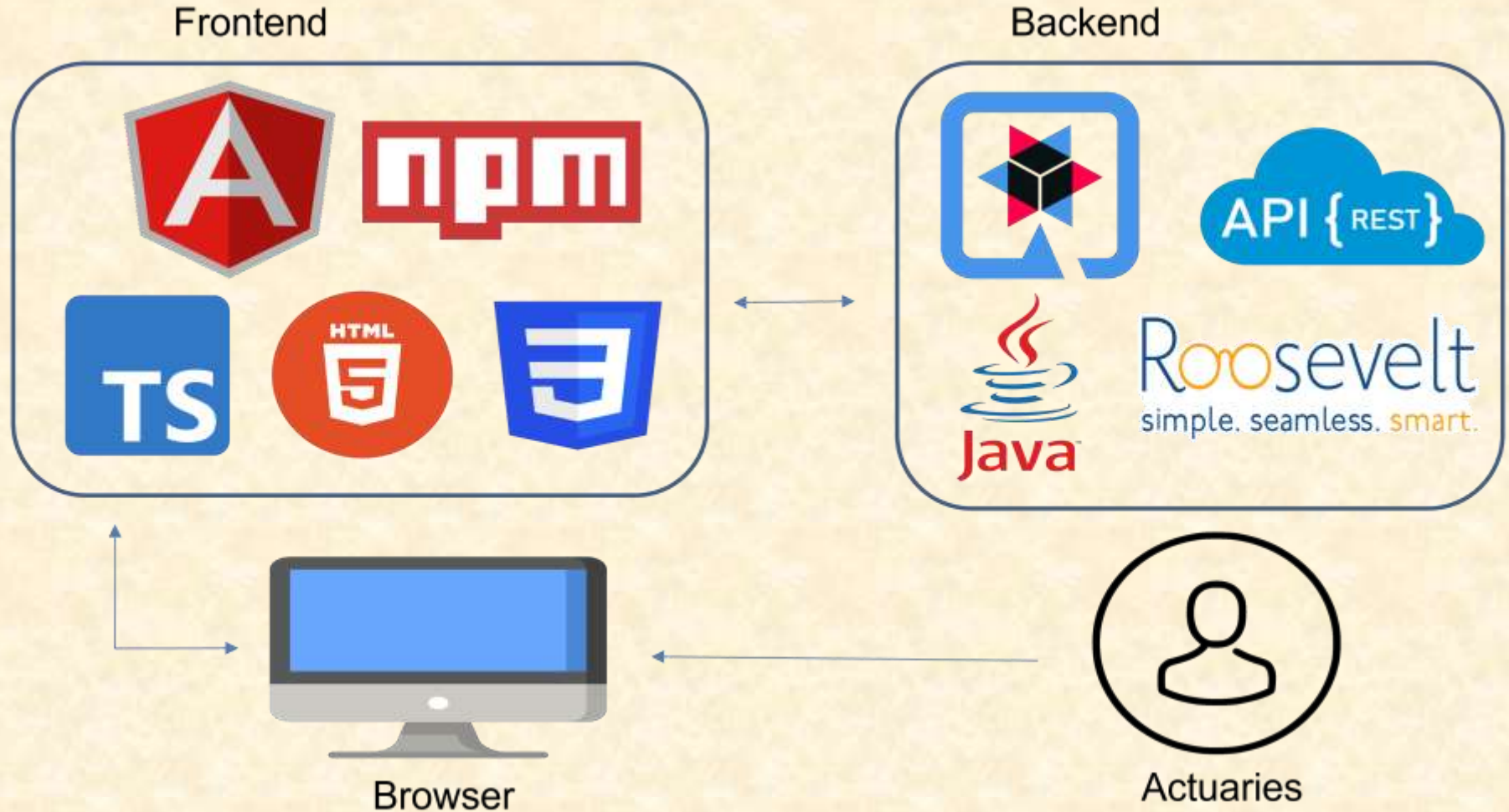
# Project Overview

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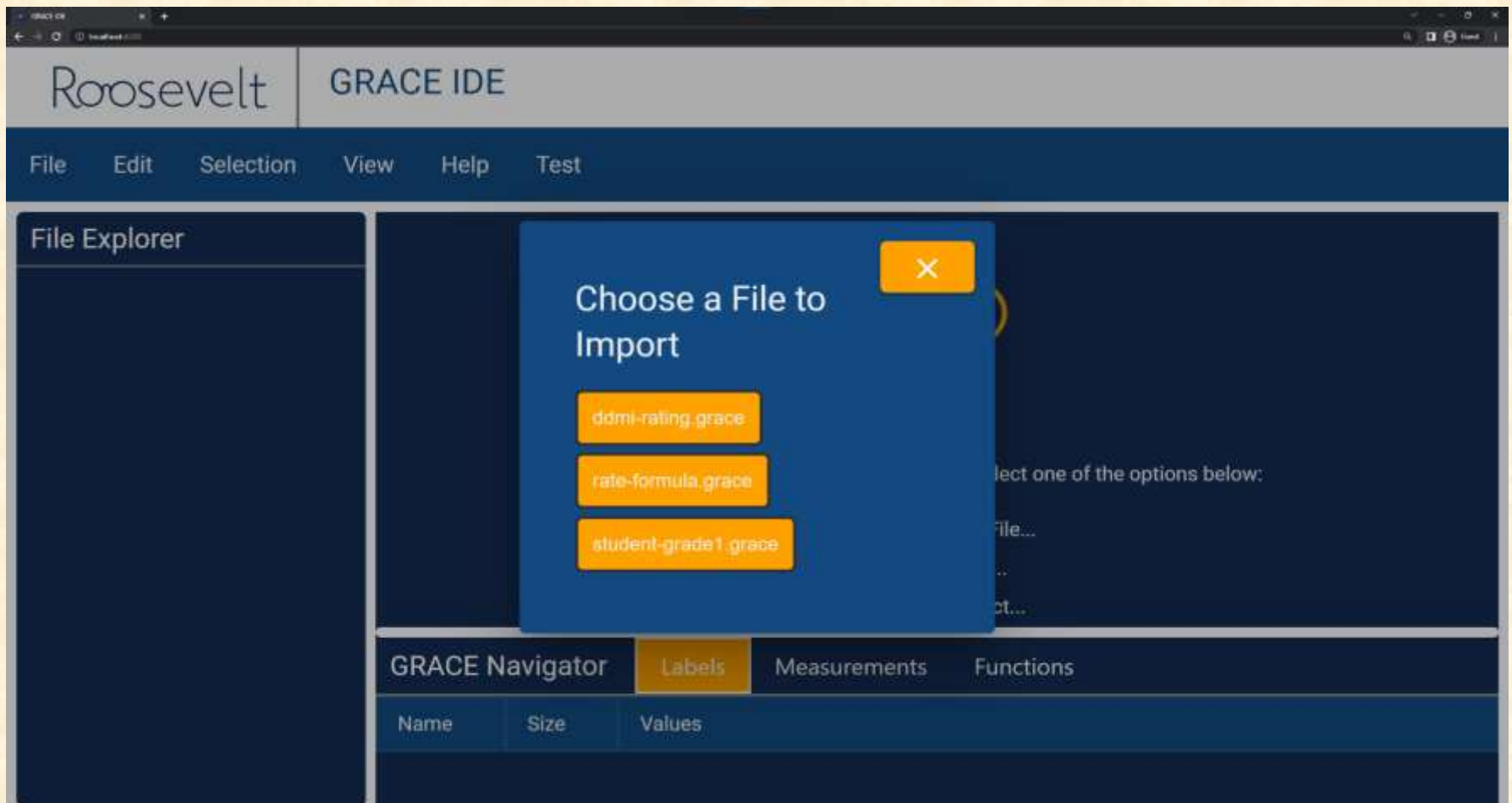
- Broad Overview
  - IDE, Language, Test Harness
- Testing Environment
  - Generalized Formulas, User Input
- Testing Functionality
  - Dynamic Forms, Responsive to Editing
- Microservice
  - Receive Map of Label to Value, Calculate Results



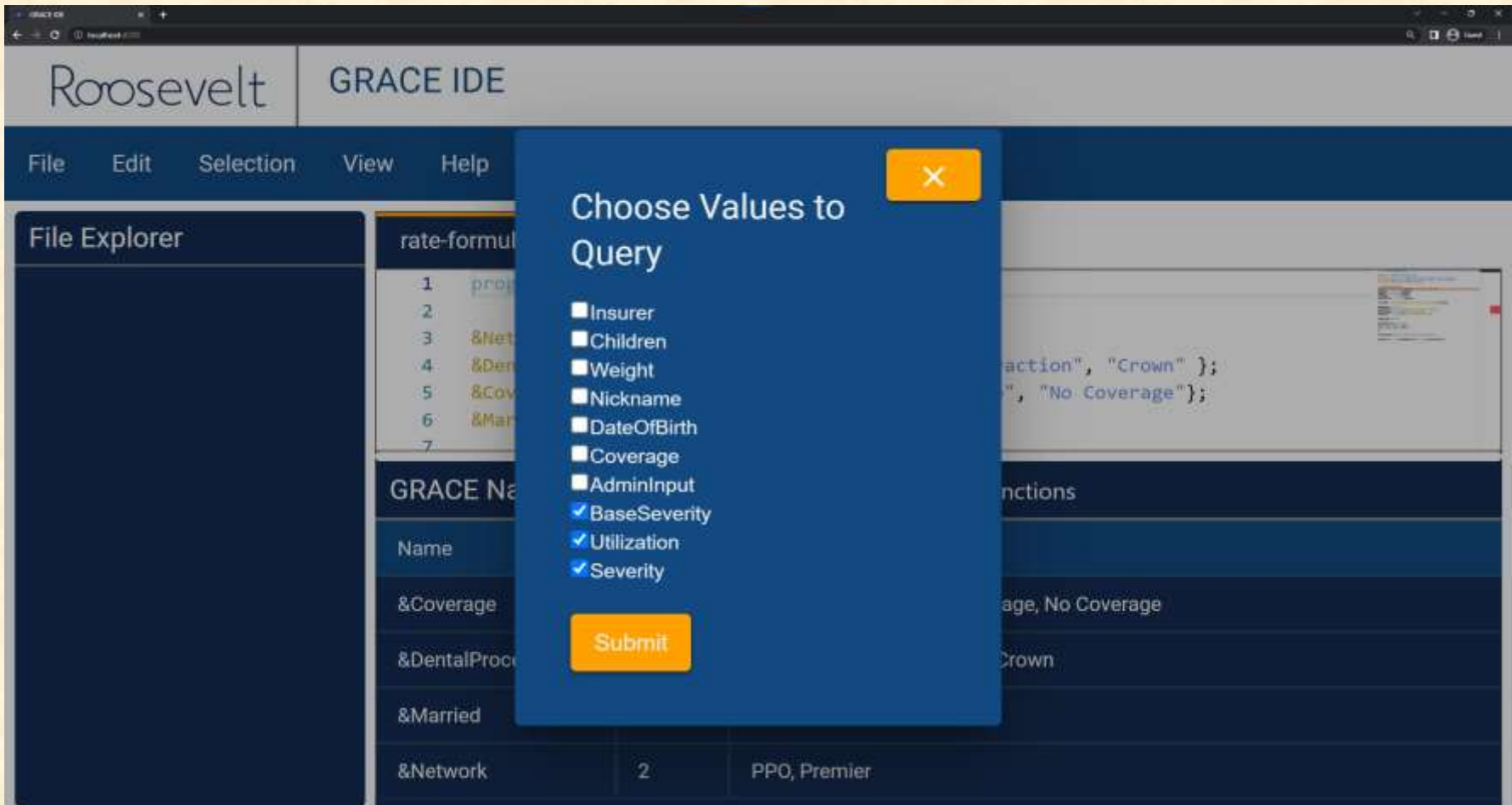
# System Architecture



# Import Menu



# Query Menu



# Input Window

**Enter Information**

DateOfBirth  
04/27/1991

Coverage	Crown	Cleaning	Extraction	X-ray
Premier	No Coverage ▾	Partial Coverage ▾	Full Coverage ▾	No Coverage ▾
PPO	Partial Coverage ▾	Full Coverage ▾	No Coverage ▾	Partial Coverage ▾

Children  
3

Weight  
122.5

Insurer  
PPO

Submit





# Results Window

**Here are the Results**

Utilization	Crown	Cleaning	Extraction	X-ray
0.06	1.58	0.11	0.75	

BaseSeverity	Crown	Cleaning	Extraction	X-ray
Premier	1200.00	60.00	140.00	65.00
PPO	1000.00	50.00	120.00	55.00

Severity	Crown	Cleaning	Extraction	X-ray
Premier	72.00	94.80	15.40	48.75
PPO	60.00	79.00	13.20	41.25



# What's left to do?

- Stretch Goals
  - Create input fields for inputs with 3+ dimensional labels (Ex. Rate : Number[&Package, &Procedure, &Network])
- Other Tasks
  - Adding a select all button to select all query measurements
  - Adding a clear all/clear table button to the input window



# Questions?

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