MICHIGAN STATE
U N I V E R S I T Y

Alpha Presentation
DSL IDE Test Harness

The Capstone Experience

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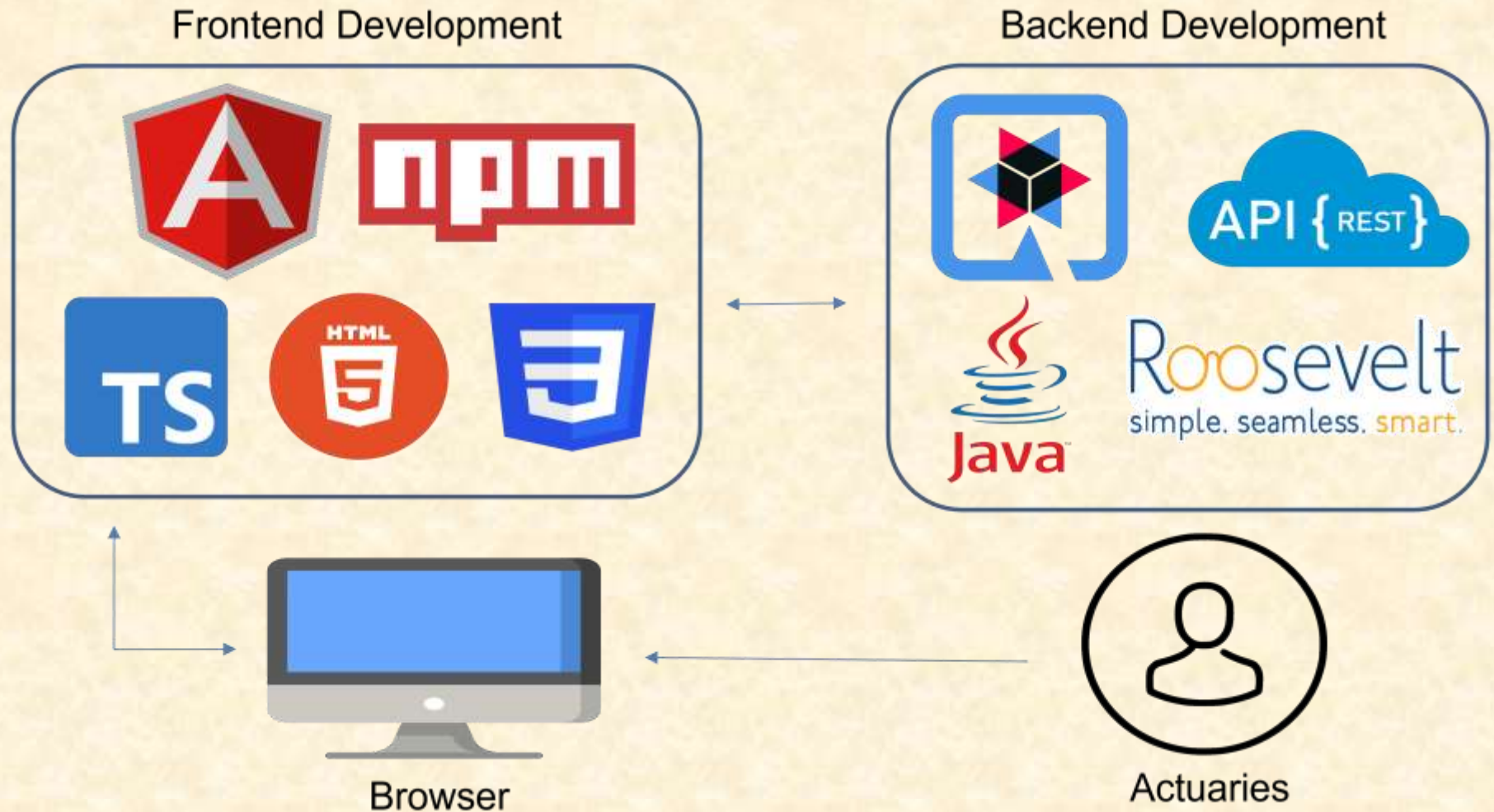
Michigan State University

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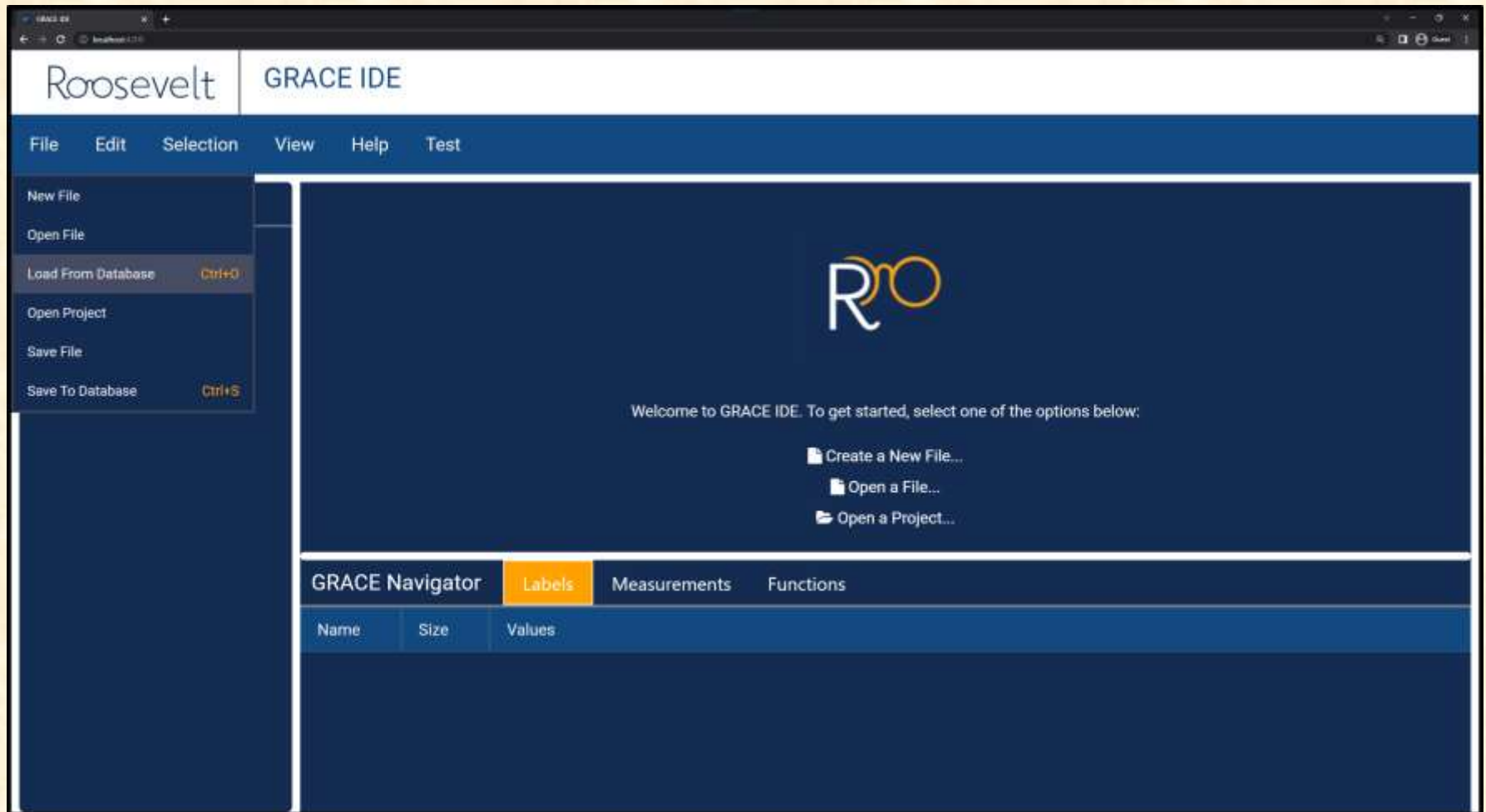*From Students…*
…to Professionals

Project Overview

- Create a GRACE program testing environment

- Dynamically update testing environment based on user conditions

- Perform and return a mock rate calculation based on user inputs and conditions
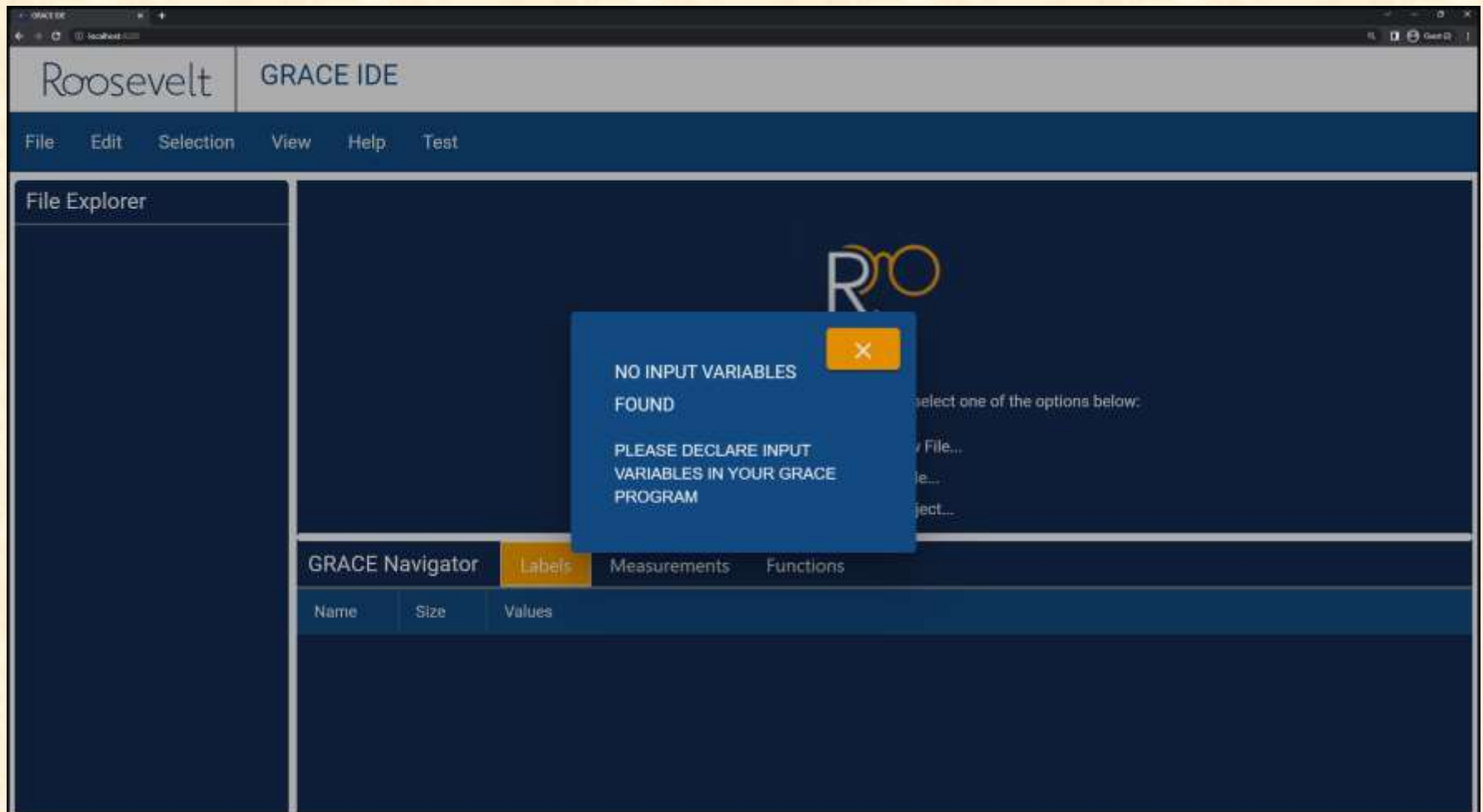
System Architecture

Main UI

Error Window

Testing Window

Results Window

What's left to do?

- Set up rate calculation service
- Send multiple data measurements from UI to calculation service
- Account for all input data types in UI window
- Add ability to load and save test cases

Questions?