MICHIGAN STATE
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Alpha Presentation
General Rate Calculation Environment Shell

The Capstone Experience

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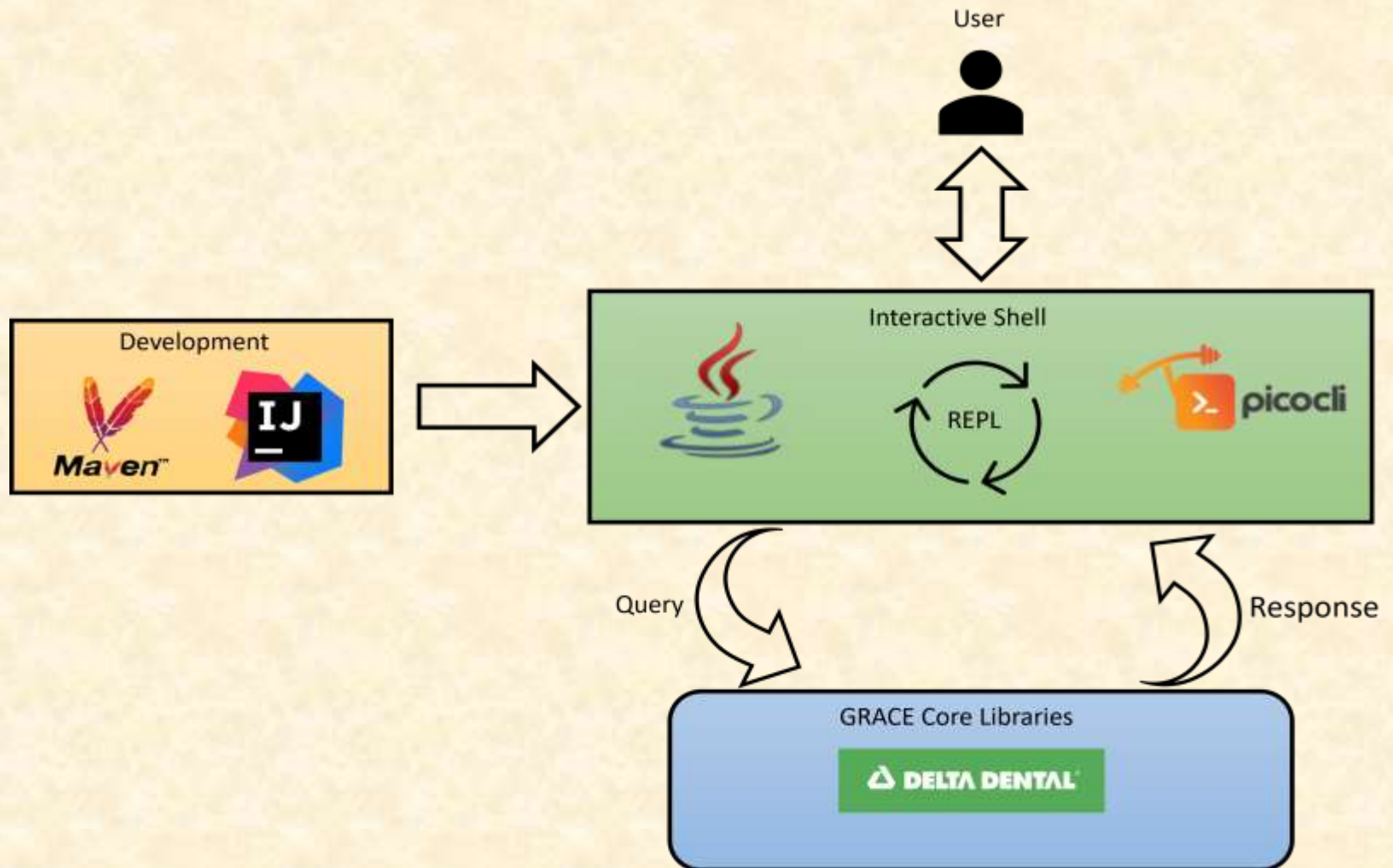
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From Students…
…to Professionals

Project Overview

- The multitude of factors to consider make rate calculation a very convoluted process

- Solution architecture General RAte Calculation Environment (GRACE) and its DSL are aimed to tackle these challenges

- Create a REPL shell to add console level support for GRACE so that anyone can use the tool effectively

System Architecture

Starting and Help Command

Some Example Commands

Importing files

Errors

What's left to do?

- GRACE core integration for the GRACE commands

- Improve parsing capabilities

- System commands (program, script)

- Javadoc

- Undo/Redo functionality

- Enhancing UI (help/error messages)

Questions?