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

Beta Presentation
Model-Driven UI Framework

The Capstone Experience

Team Roosevelt Innovations Knowledge Science

Cole Coughlin
Ben Lynch
Alex Hettle
Drew Hubble
Naffy Nihal
Yuqi Pan

Department of Computer Science and Engineering
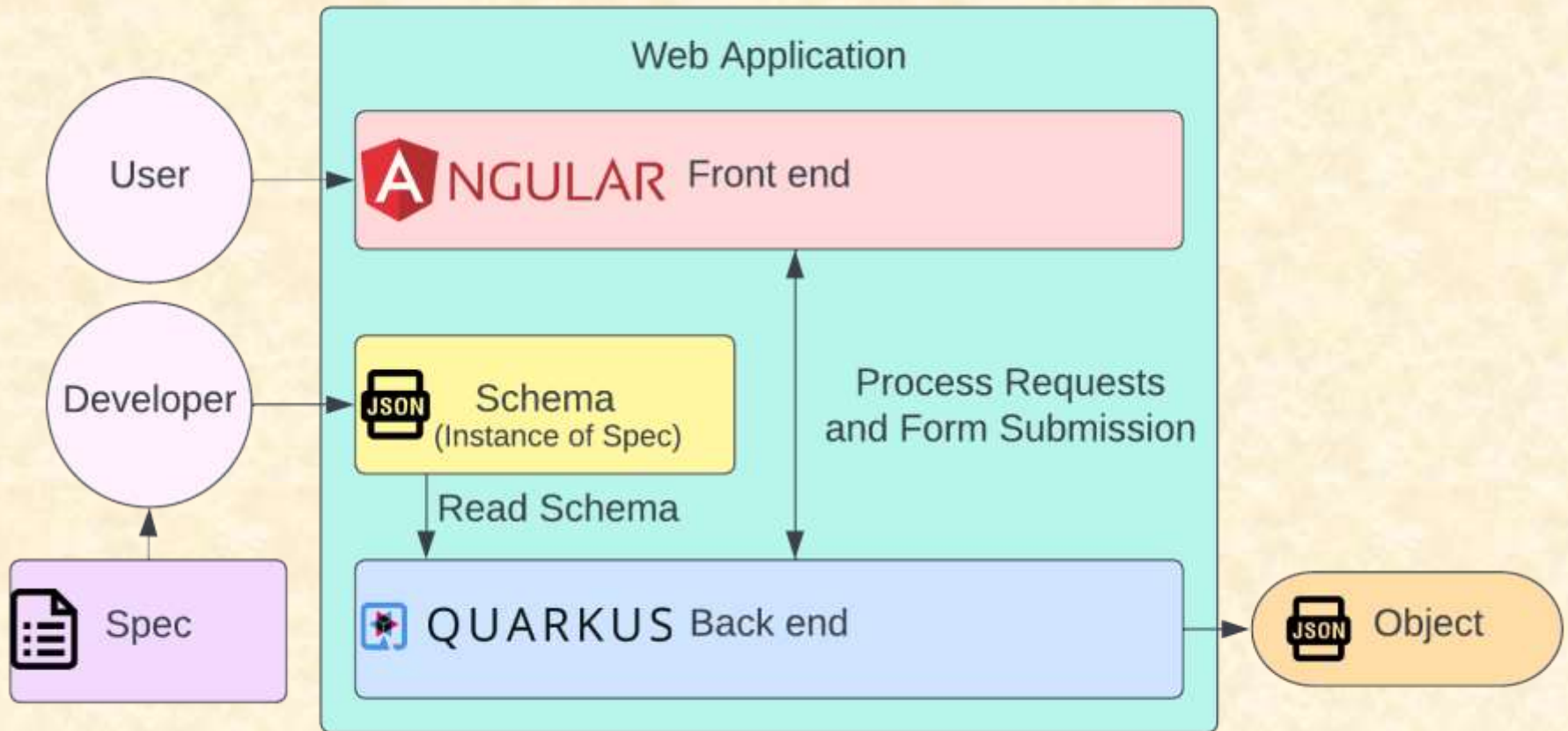Michigan State University

Spring 2023

From Students…
…to Professionals

Project Overview

- Roosevelt Innovations provides its clients with end-to-end business operations software

- Spec – language-agnostic documentation for uniformly formatting application data

- Developers can use the Spec to streamline application development.

- Saves resources used to create webpages

- Allows Roosevelt Innovations to branch into different areas of the industry

System Architecture

Basic Form

Data Validation

Conditional Branching (Disabled)

Conditional Branching (Enabled)

What's left to do?

- Features - complete
- Stretch Goals
  - Lazy Loading
  - Form Submission Page
  - Specify Required Fields and Prevent Premature Navigation
- Other Tasks
  - Review Spec Document
  - Review Project README Files

Questions?