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

Alpha Presentation
IT Datamart Microservice for BitBucket

The Capstone Experience

Team UWM

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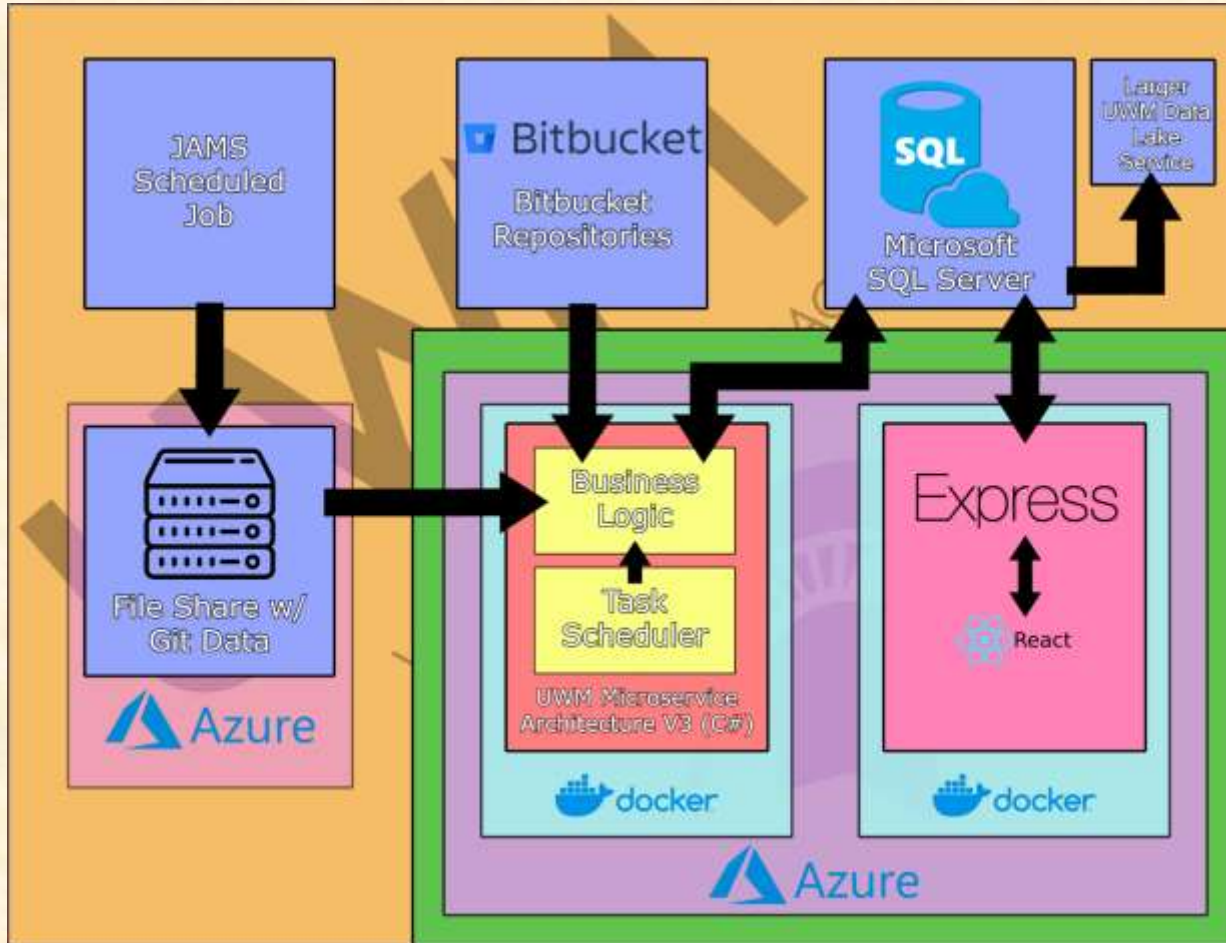Michigan State University

Spring 2024

From Students…
   …to Professionals
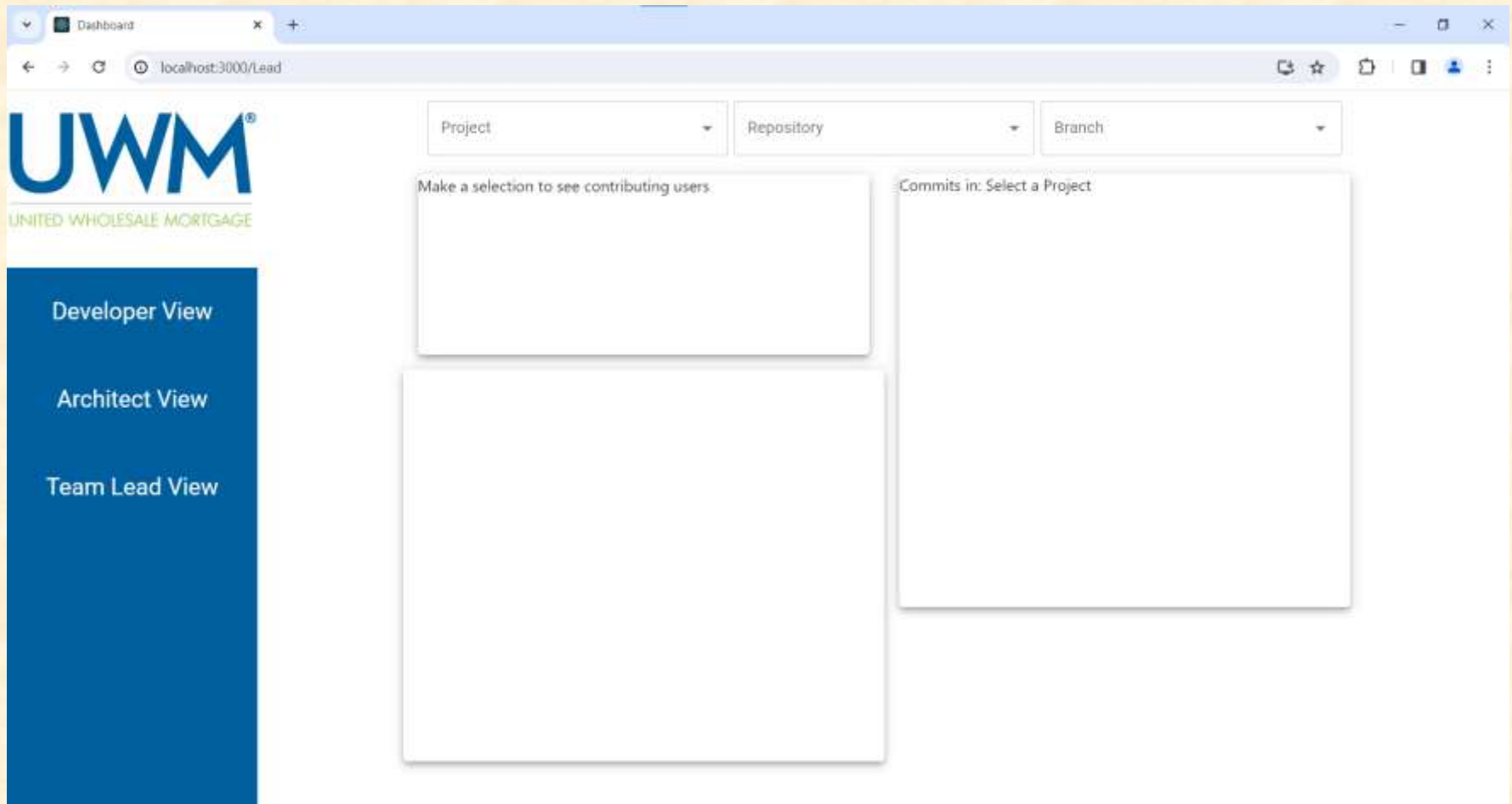
Project Overview

- This project assists UWM in analyzing risks

- Metadata consolidation for UWM Git repositories

- Set up SQL database

- Building a web application that can be used for data visualization, as well as further developments of other projects

System Architecture

Lead View before data

Team UWM Alpha Presentation

Lead View after selecting project

Full Architect View

Architect View with Project Only

What's left to do?

- Incorporate Orkes task scheduler

- Implement full pipeline for all data

- Continue UI development

- Polish systems

- Integration/Deployment into UWM systems

Questions?

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