BCBS Training Solution

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Sponsor: Blue Cross Blue Shield

BUSINESS NEEDS (WHAT & HOW)

Our vision is centered around the creation of an Advanced Online Course Scheduler. This dynamic platform is poised to revolutionize our training processes by automating scheduling, seamlessly integrating multimedia training materials, and implementing comprehensive progress tracking. The ultimate objective of this transformative tool is to establish an automated system that not only streamlines scheduling for trainers but also significantly enhances the overall learning experience for our trainees.
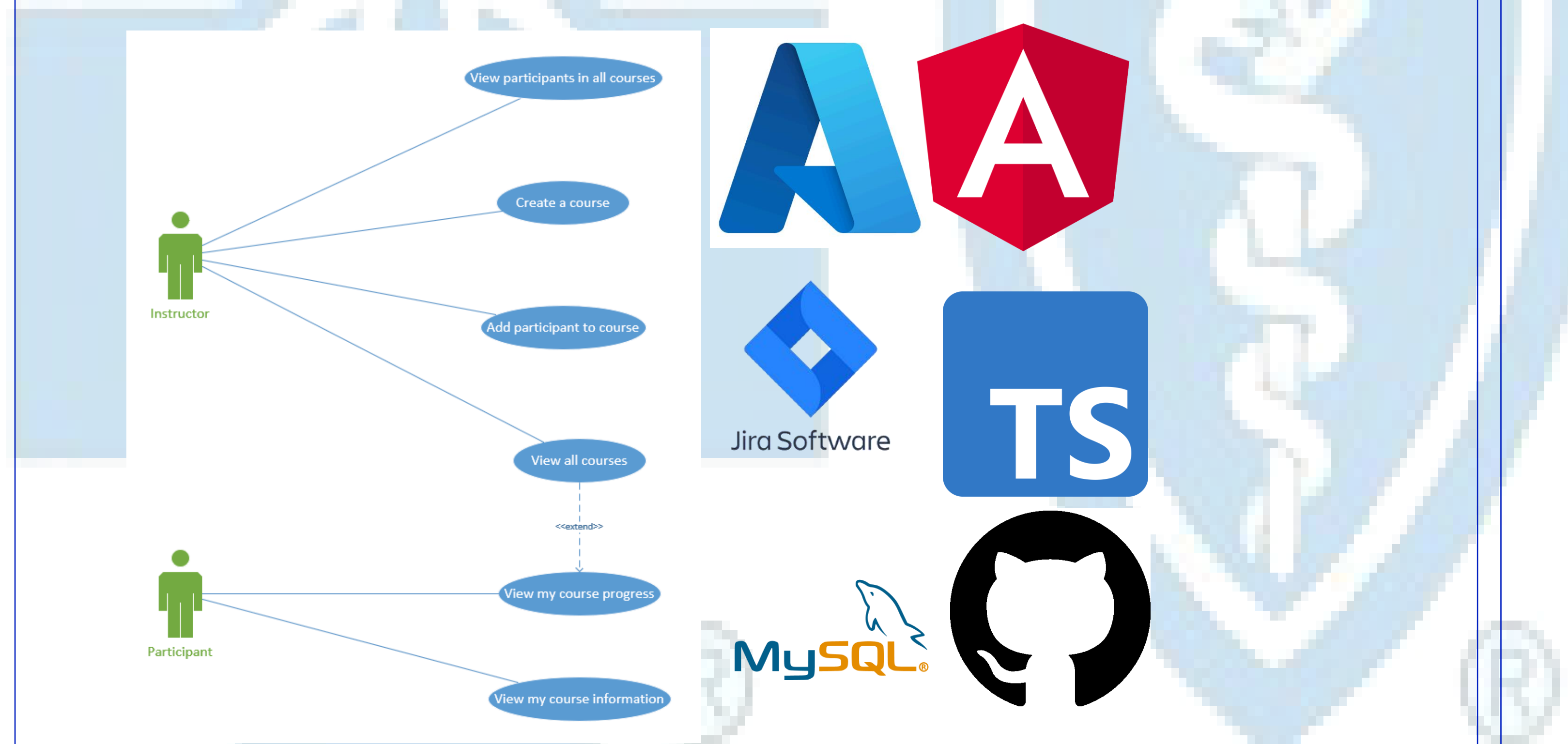
INTENDED SOLUTION

The proposed solution for the Capstone project involves the development of a robust web application to address Blue Cross Blue Shield's training program challenges. Leveraging Jira software for meticulous backlog management, our team will meticulously outline and prioritize tasks, ensuring a systematic and efficient development process. Microsoft Azure will serve as the backbone for our cloud-hosted database, providing a secure and scalable infrastructure to support the dynamic functionalities of the Advanced Online Course Scheduler.

LIMITATIONS

- **Broad project scope(having to cut down on project tasks)**
  - **Authentication with Microsoft Teams Integration**
  - **Scheduled meetings in calendar(finally getting rid of Calendar page)**
  - **Sending messages to email outlook and functionality which takes places with teams integration.**
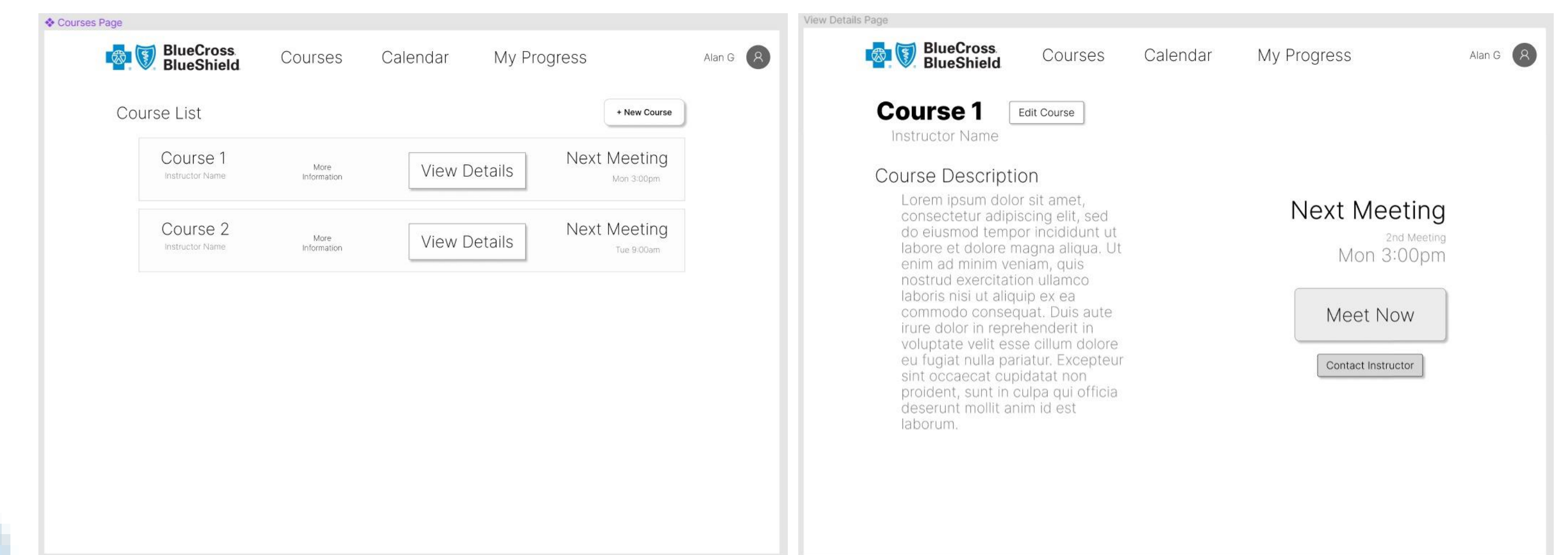
PROJECT ARCHITECTURE AND REQUIREMENTS

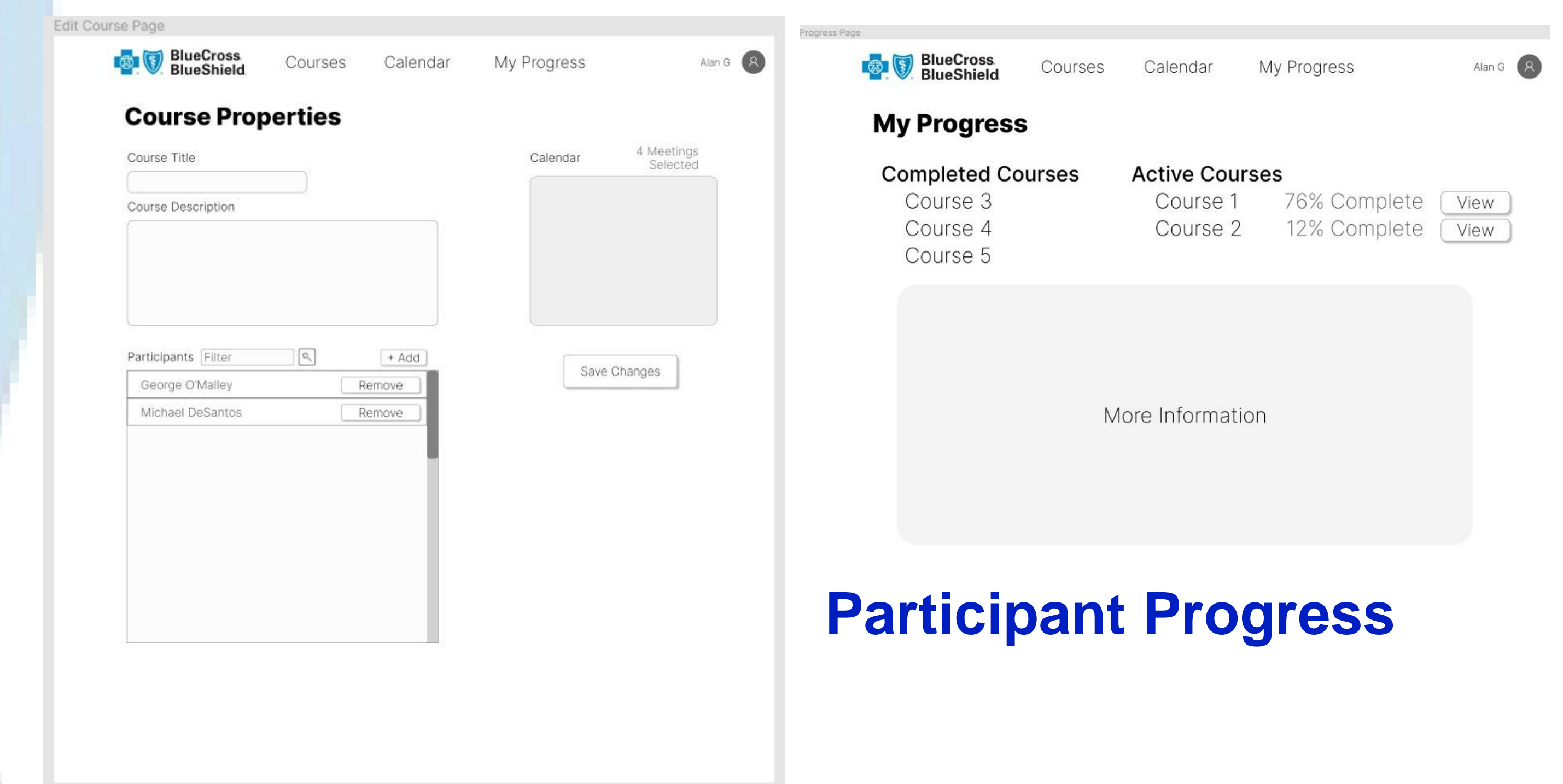Microsoft Azure, Angular, Jira software, TypeScript, MsSQL, Github

Development Phase

Course List

Course Description

Course Properties

Participant Progress

Phase 1
- Project Architecture
- UX/UI Interface Design
- Database Creation
- Designing Front-End

Phase 2
- Database and Website Integration
- Testing
- Fix Bugs
- Final Review
- Training