Training Tracker

Elis Diep, Trevor Kanasaki, Thane Luna

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Information and Computer Sciences Department - University of Hawai'i at Mānoa

Sponsor: MSgt Santos
Sponsor 154 MDG DET 1

Introduction:

Problem Statement: Unit Training Managers tracking individuals' progress across multiple platform, but data is not consolidated and system is not user-friendly. UTMs use these disparate systems along with Excel documents to track all personnel certificates

Accomplishments:

DashBoard: A dashboard page with bar graphs that represent the training platforms and the type of trainings. The bar will represent completion of training in 3 different color. Red for missing, yellow almost overdue and green for complete

Profiles Page: Profile page that has the list of the Airmens in the unit. It displays the their full name, email, unit, rank, AFSC. Featuring a view button for each airmen that goes to their profile page. Profile page additional features are emailing, updating and filtering the members training.

Reports Page: Where UTMs can upload and download Excel report sheets.

Admin User: Able to access all members and database. Can adjust database to either add, adjust or delete trainings or members

Training database: Created four databases that represent the different training application and its training type
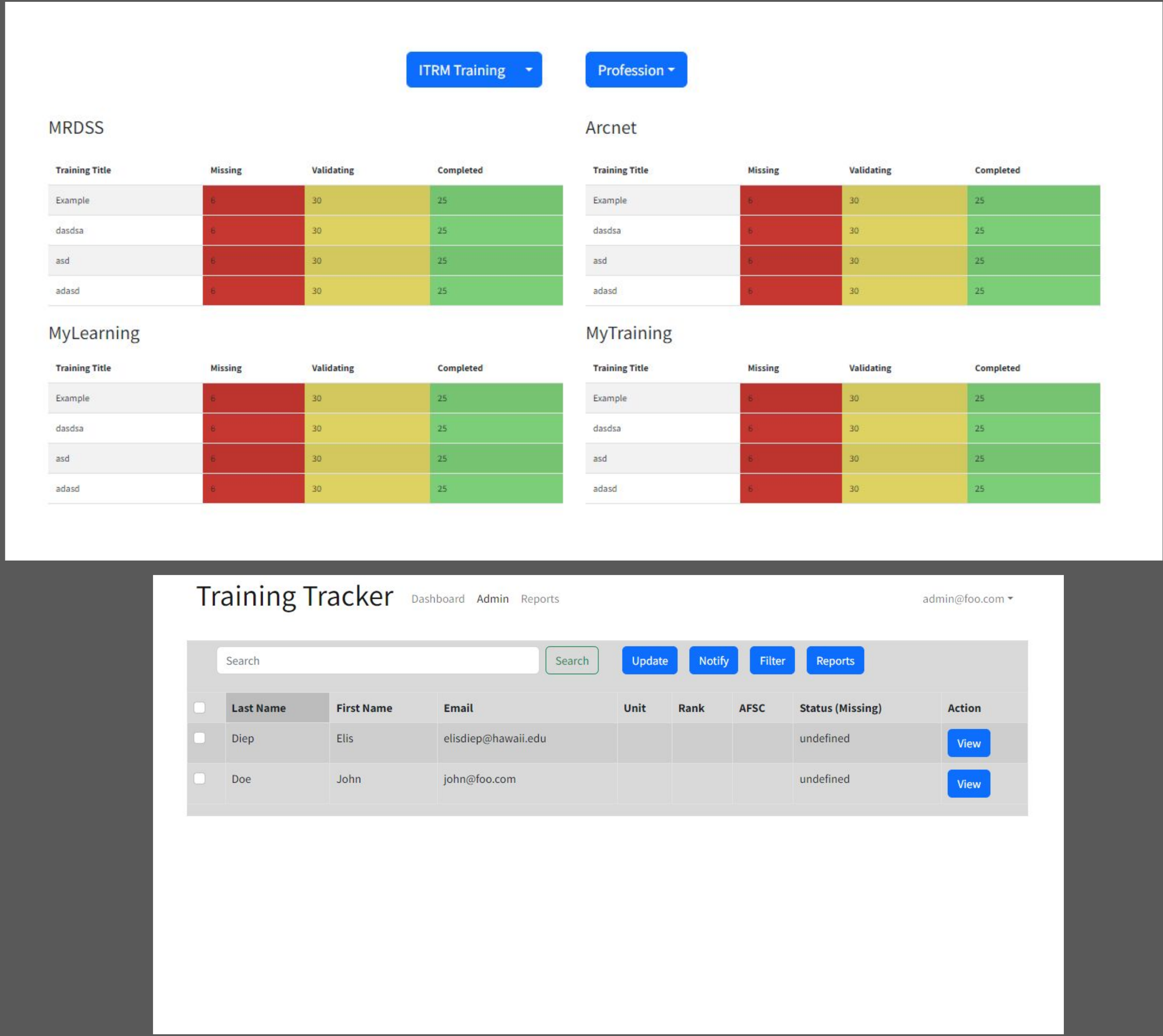

Process:

Phase 1: We first reviewed the prior semester materials. Last semester the previous team created a presentation that went over the whole problem and provided a minimal viable product. After reviewing the material, we met with our sponsor MSgt Santos and H4D director Gloria Choo. We went over the project and asked additional questions.

Phase 2: After phase 1. The team created a development plan and shared it with our sponsors. The development plan was split into 3 milestones.
  Milestone 1: Constructing the user interface.
  Milestone 2: Building the database and collection
  Milestone 3: Testing, debugging and adjustments.

Phase 3: Implement the 3 milestones. Make adjustment according to MSgt Santos feedback.

Team Logistics:
  Weekly tuesday meeting with sponsor
  Weekly thursday meeting with team

Technology Stack:
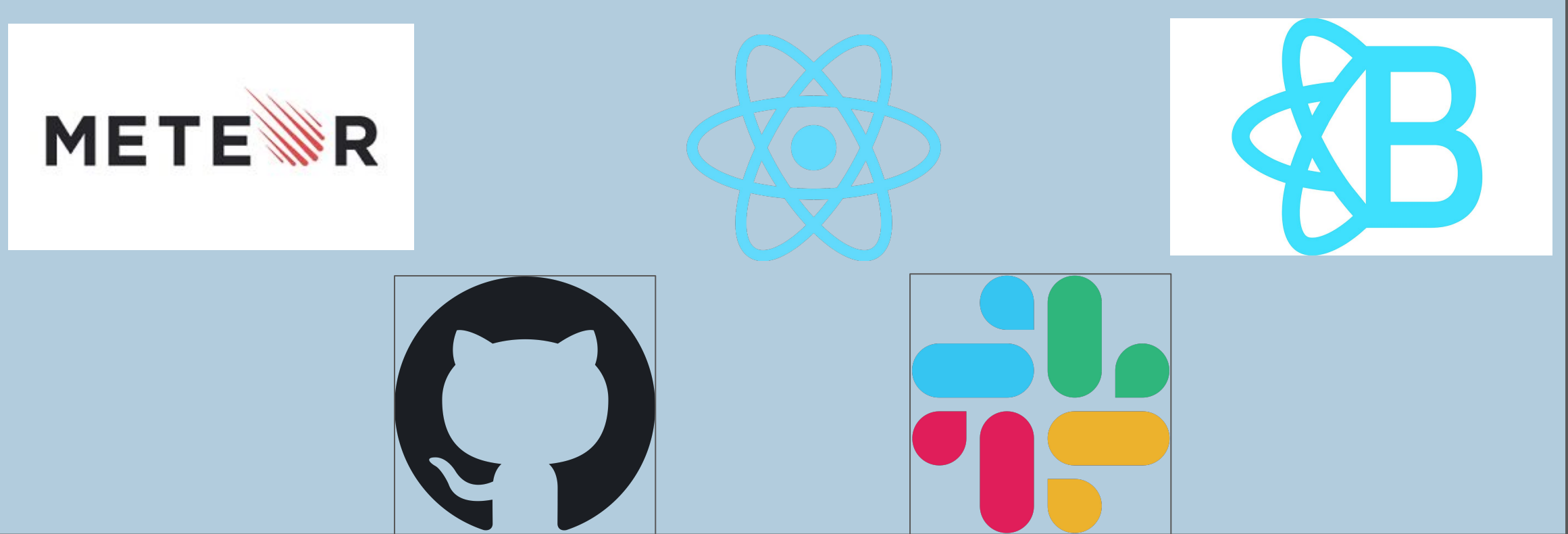
Issues:

- Availability: Getting in contact initially with MSgt Santos was one of the first issues due to busy schedules.
- Time: Time constraint of how much functionality we could implement.
- Accessibility: Working with the Department of Defense gave us limited access and resources for us to use. We had to make a substitute databases to help implement functionality.

Next Steps:

- **Implement feedback from our sponsor MSgt Santos**
- **Update and fix bugs**
- **Continue to integrate functionality**
  - **Integrate with existing system**
  - **Scrap Excel data**
  - **Add more features**