



U.S. AIR FORCE

Project Initiation

Tracking Training

Elis Diep, Thane Luna, Trevor Kansaki

Client Overview

Client: Air Force

Business Domain: Department of Defense

Stakeholders:

Airmen

Unit Training Managers

Base Training Manager

National Guard Bureau



Presenter: Elis Dien
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Problem Statement

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



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Problem Statement

The Air Force needs prepared Airmen for deployment

- Airmen training is 100% complete

Challenges

- Current System is not tailored to their needs
- Filter through an report excel sheet that has mass amounts of data which includes irrelevant data.
- Tracking the training
- No notification system
- Not user friendly
- Many manual inputs (5 systems)



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Challenge: MSgt Santos ¼ Excel Sheets



SSAN LAST 4	Rank	Status	Last Name	First Name	AFSC	PASCODE	OFFICE SYMBOL	UTC	UTC Date Assigned	AEFI	AEF PID	OAS	DEROS	106 MDG Annual Training	15 PAX Vehicle	167 AE5 Newcomer Orientation	180 Hour Let Creation for Flight Nurs
	TSG	MIL			4N071			FFCRE-1	20 Jul 2021	R1	231R3			N/A	N/A	N/A	N/A
	CPT	MIL			044F3			FFCRE-1	14 Sep 2018	R1	231R3	01 Feb 2017		N/A	N/A	N/A	N/A
	MAJ	MIL			042G3			FFCRE-1	13 Sep 2018	R1	231R3	04 Nov 2016		N/A	N/A	N/A	N/A
	MSG	MIL			4A371		SGR	FFCRE-1	13 Sep 2018	R1	231R3	11 Feb 2017		N/A	N/A	N/A	N/A
	AJC	MIL			4N011			FFS22-1	23 Jun 2022	R1	231R3	01 Mar 2008		N/A	N/A	N/A	N/A
	LTC	MIL			A043E3			FFZZ2-1		R1	231R3			N/A	N/A	N/A	N/A
	CPT	MIL			046N3			FFZZ2-1		R1	231R3	12 Sep 2021		N/A	N/A	N/A	N/A
	MSG	MIL			4A271			FFCRE-1	13 Sep 2018	R1	231R3			N/A	N/A	N/A	N/A
	SSG	MIL			4N051		SGW	FFCRE-1	20 May 2022	R1	231R3	10 Sep 2016	25 Aug 2022	N/A	N/A	N/A	N/A
	SSG	MIL			4N051		TT_T_WAV	FFCRE-1	02 Jan 2019	R1	231R3	27 Dec 2017		N/A	N/A	N/A	N/A
	SSG	MIL			4N051		SE_T_WAV	FFCRE-1	14 Sep 2018	R1	231R3	05 Aug 2017		N/A	N/A	N/A	N/A
	LTC	MIL			042G3E			FFCRE-1	14 Sep 2018	R1	231R3			N/A	N/A	N/A	N/A
	SSG	MIL			4N031		SGO	FFCRE-1	20 Jul 2021	R1	231R3			N/A	N/A	N/A	N/A
	CMS	MIL			9G100-325			FFCRE-1	13 Sep 2018	R1	231R3	01 Oct 2020		N/A	N/A	N/A	N/A
	SSG	MIL			4N051			FFCRE-1	20 Apr 2021	R1	231R3			N/A	N/A	N/A	N/A
	SRA	MIL			4N031			FFCRE-1	20 Jul 2021	R1	231R3	08 Jan 2020		N/A	N/A	N/A	N/A
	MAJ	MIL			041A3			FFCRE-1	13 Sep 2018	R1	231R3	01 Sep 2020		N/A	N/A	N/A	N/A
	MAJ	MIL			046N3		MCM	FFCRE-1	13 Sep 2018	R1	231R3			N/A	N/A	N/A	N/A
	CPT	MIL			046N3E		SE/T_WAV	FFCRE-1	13 Sep 2018	R1	231R3			N/A	N/A	N/A	N/A
	MAJ	MIL			044F3		TTT	FFCRE-1	14 Sep 2018	R1	231R3			N/A	N/A	N/A	N/A



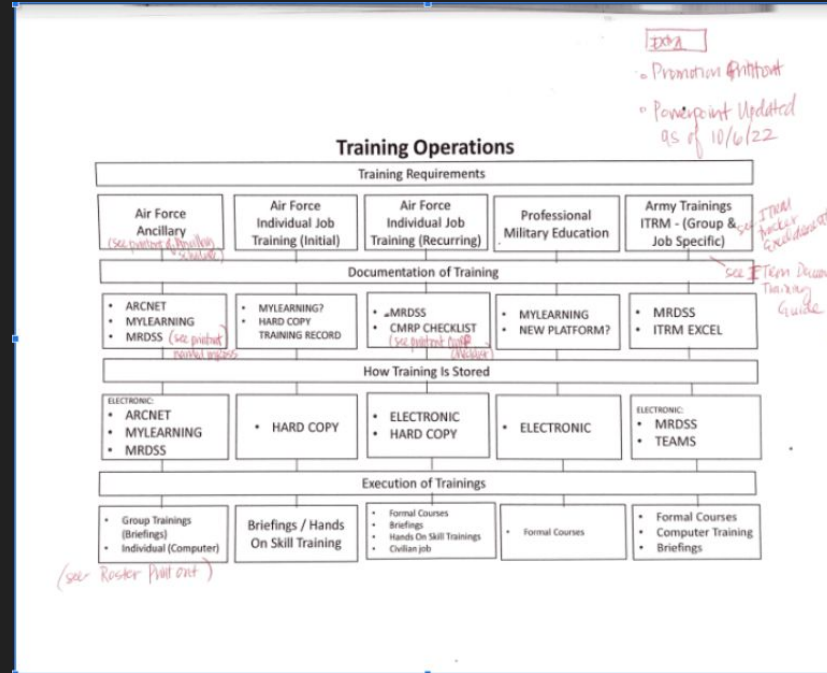


Challenge: Keep track and update 5 training platforms

5 categories of training

Multiple platforms that need to be updated

Training stored multiple ways



Project objectives

- Create a user friendly web application that will replace the old system
- A data input system that is easier than using excel sheets
- Allows easier access for commanders to adjust training status of individuals or entire units
- Allows easy access for individuals to view their own status
- Create an easy transfer method from the old to new system.



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High-Level Cases

- Create a web application that allows for both the easy access and manipulation of Air-force training data
- Implement a system that is able to parse excel sheets and automatically input data for the easy transfer and input of data.



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Project Management

Roles

Communication Lead: Elis Diep

Meeting Scribe: Elis Diep

Requirements Lead: Thane Luna

Test Lead: Trevor Kansaki

Technical Lead: Thane Luna, Trevor
Kansaki

Risks



Security



Privacy

Meetings



Sponsor Meetings

Tuesdays 10:30

Team Meetings

Tuesdays 11:30



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Next Steps

Initial Goals

- Plan application functionality
 - retrieve user stories (interview)
 - plan functionality to solve major problems presented
- Create client side UI
 - design mockup pages
 - implement design in react



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Later Goals

- Implement client side API
 - page functionality
 - database interaction
- Implement server side API
 - database functionality
- Deployment
 - deploy final product on a server like Digital Ocean for the sponsor and prospective users to interact with