# HIA3

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The elevator pitch

- For project developers
- who need an application management system
- the Heritage IAAA (HIA3) app
- is a centralized login service
- that supports multiple clients and identity provides.
- Unlike the current Application Management System (AMS) which supports only the College and has been limited by the new data privacy law
- our project offers a cloud-based infrastructure which doesn't store personal information and offers various methods for managing applications, authentication and authorization.

System context
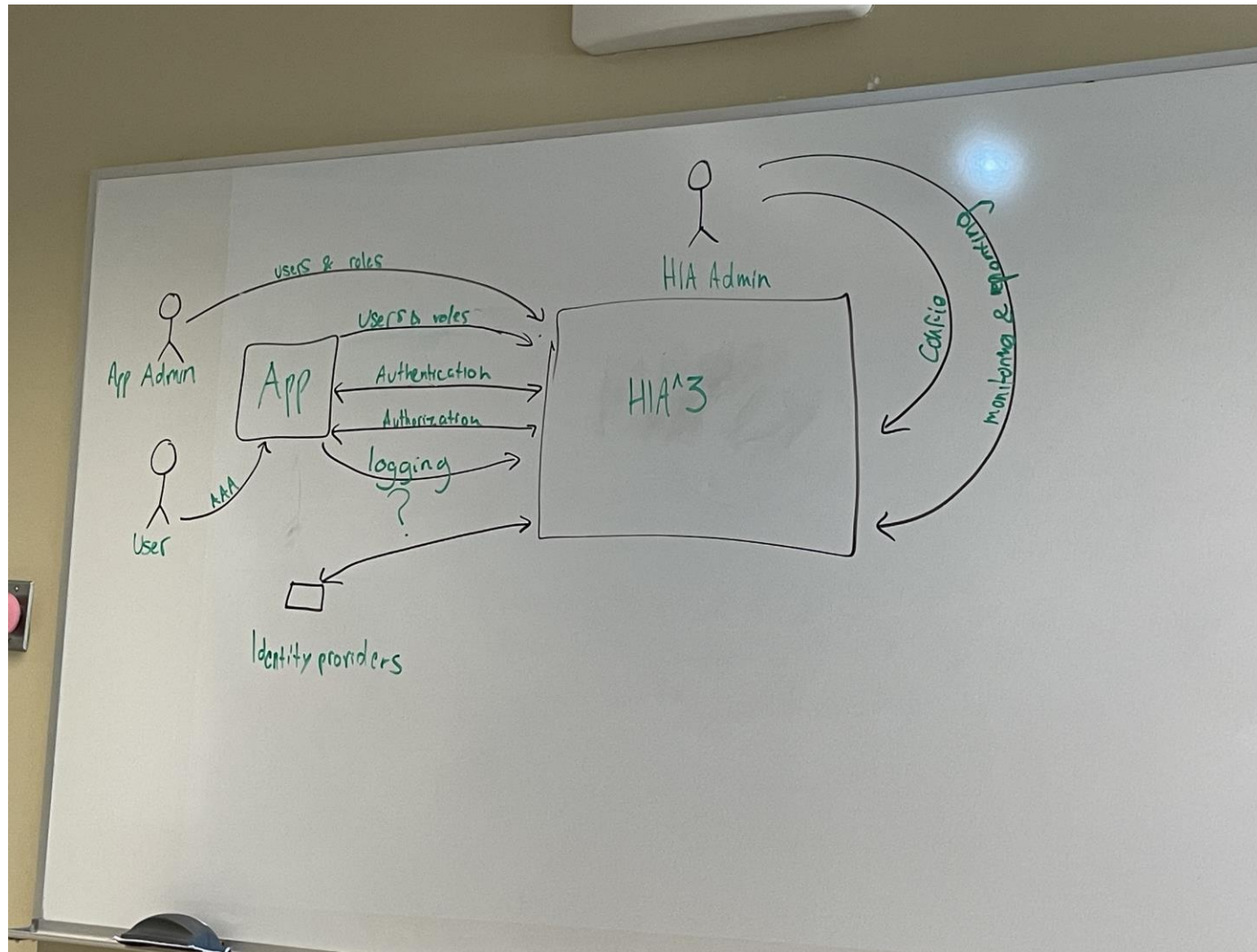
Use Case Diagram
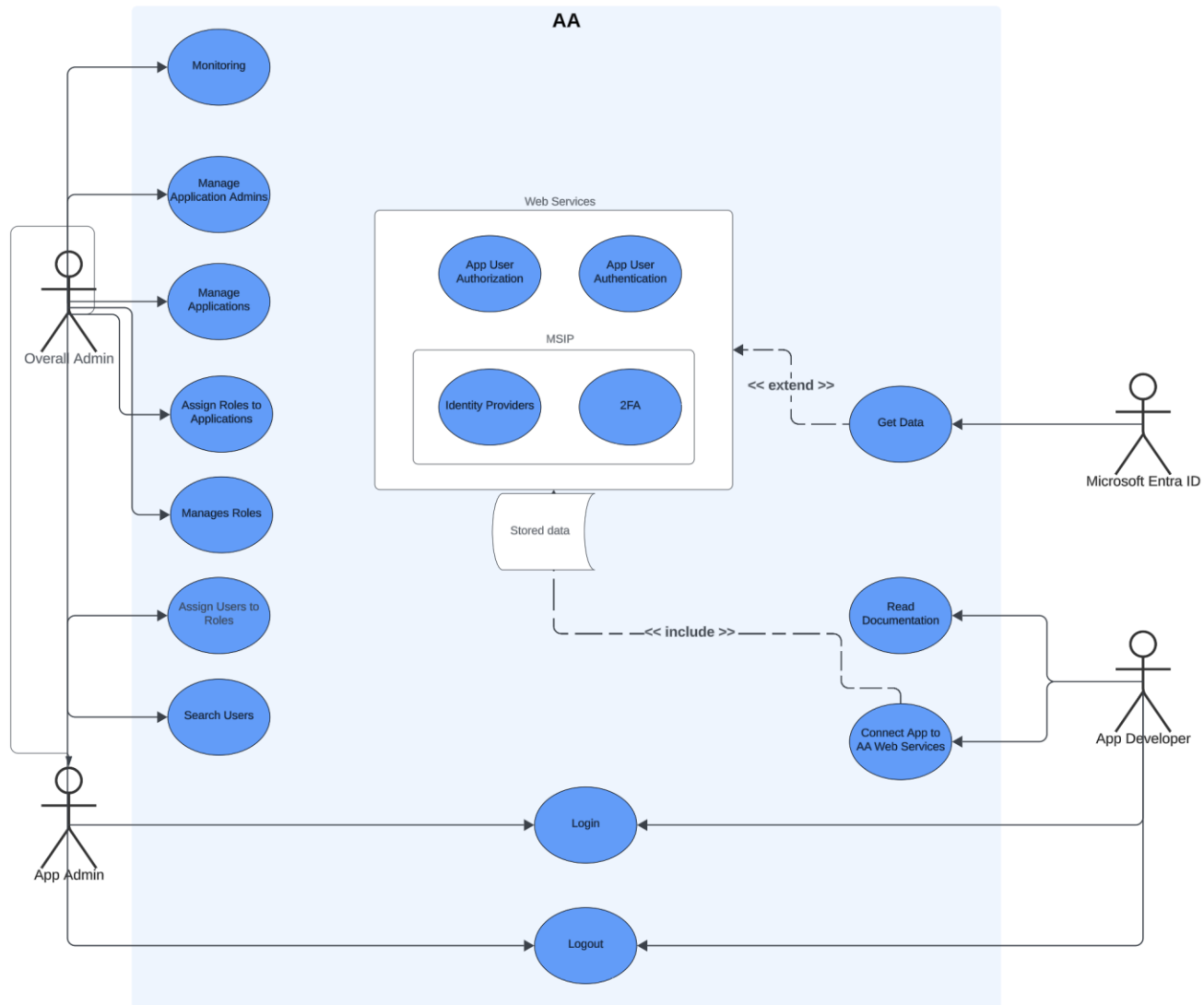
User Priorities

1. Creating a sub-space for app admins for user and role management
2. SOAP API for AMS Legacy apps
3. REST API for new students' apps
4. Remaining user stories

The NOT list

RELEASE 1	RELEASE 2
SOAP for Legacy Apps	Allow Cegep-heritage login with 2FA
REST API for New Apps	Allow Different AD logins
Sub Space for app admins to create roles and users	Access to HIA^3 API to CRUD Users and roles from the App

OUT
Request system for creating App Admin accounts and Apps – Client mentioned out of scope on **28/10/2024**
Using student data with Clara
Supporting international clients

Technical solution
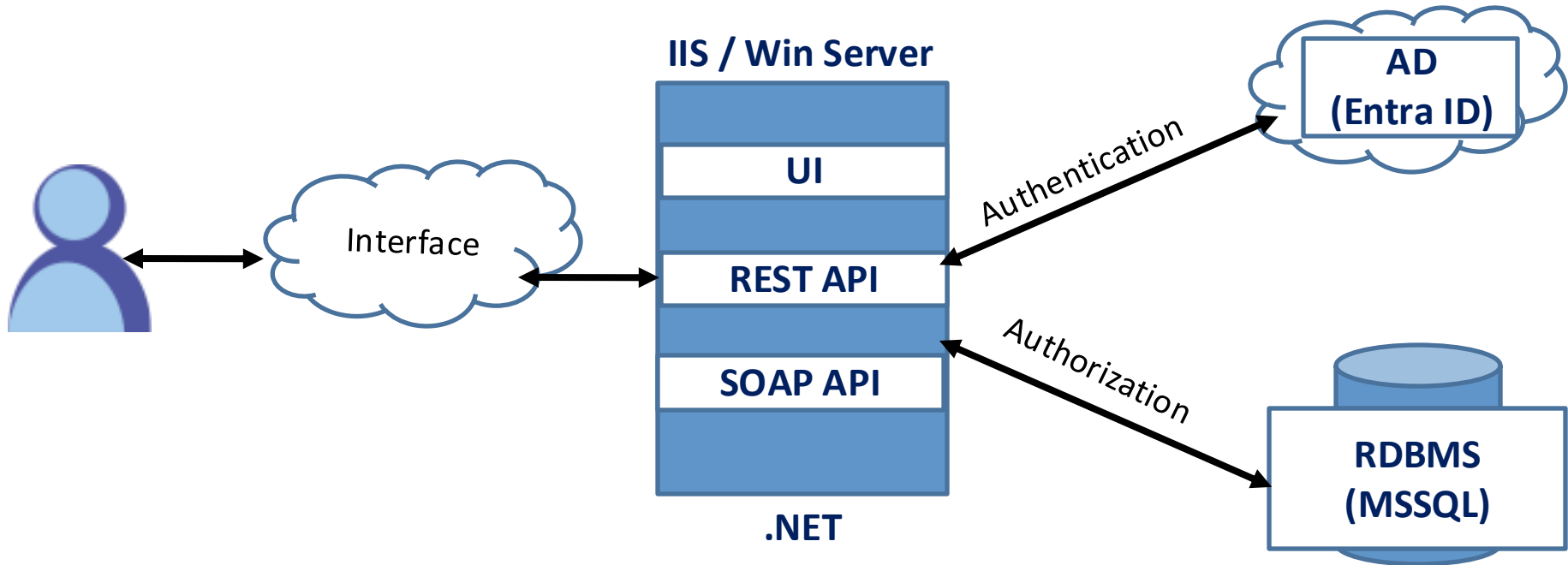
Technologies:
- C#, MVC, ASP.NET, EntityFrameworkCore
-NewtonSoft Json, TailwindCSS (DaisyUI plug-in)
- Visual Studio, Rider, Azure Data Studio,
SQL Server Management Studio 20
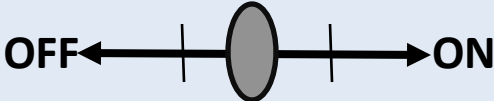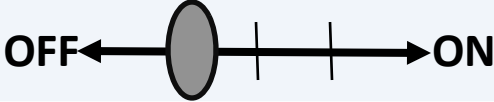
What keeps us up at night
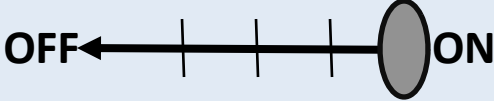## & Lingering Questions

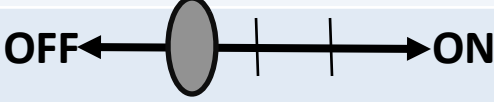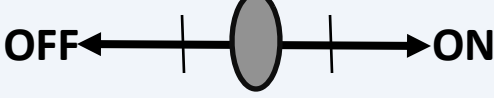- How will the handshake work for both SOAP and REST APIs? What will the API spec look like & how do we make sure it is scalable?

- How will we able to configure identity providers and abstract this?

- What if there are duplicate users and roles? What is the best way to handle this efficiently?

- What if the College's new AD (Entra ID) doesn't give us enough information to create our application?

- How will we make sure that all information is up to date despite not having access to Clara anymore?

How big is this thing?

Ship it!

Construction		UAT		Training	
~3months		1 wk		1 wk	
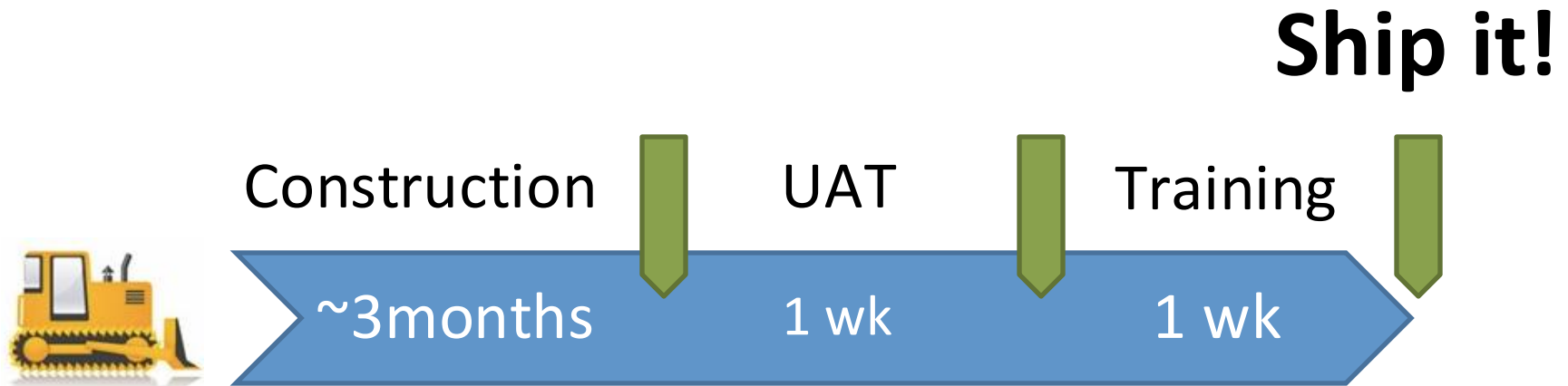
Trade-off sliders

	The classic four
OFF ←——┼——🔘——┼——→ ON	Feature completeness (scope)
OFF ←—🔘——┼——┼——→ ON	Stay within budget (budget)
OFF ←——┼——┼——🔘→ ON	Deliver project on time (time)
OFF ←——┼——┼🔘——→ ON	High quality, low defects (quality)
	Other important things
OFF ←——┼——┼—🔘—→ ON	Ease of use
OFF ←——┼——┼——🔘→ ON	Security
OFF ←—🔘——┼——┼——→ ON	Visual Appeal
OFF ←——┼—🔘—┼——→ ON	Performance