Closed Network xAPI

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i³FEST
#ADLiFEST

Presenters

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New Training Product Scenario

- We have a training need

- We want to track student learning performance

- Should we use SCORM?

- xAPI is the solution

xAPI Challenges for DoD Training

◈ Existing Learning Management System (LMS), but no Learning Record Store (LRS)

◈ Have an LRS, but no one to maintain it

◈ Have an LRS, but not FedRAMP approved at the proper ATO level

◈ Have everything in place, but no policy or procedure for sending statements

End Result

- We have neither the time nor the money to overcome the challenges to meet our training need on schedule

- We will skip student tracking this time

- Next time, we'll be ready!!

Alternative Solution?

◈ Closed Network xAPI

◈ Still utilize xAPI technology

◈ LRS Dashboard installed on the Instructor Workstation

◈ Wired or Wireless network access from PCs, tablets, or training devices

◈ Data is stored for future import into final LRS solution

Classroom Network

LRS

Dashboard

Instructor Workstation

xAPI
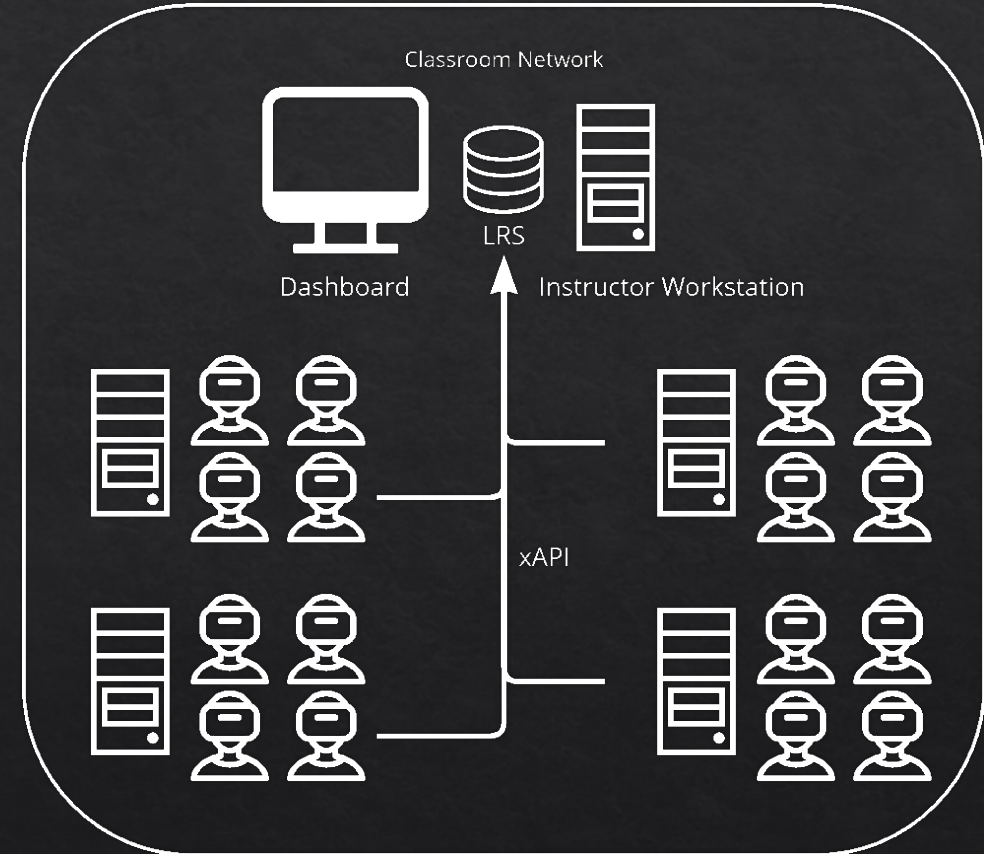
Virtual Reality Student Tracking Solution

localhost:5311/content/index.html#/lesson?dal=rest

Learner Performance Dashboard

Select a Report

Explore history of student VR sessions.

Student Session History

View average student performance on a specific task.

Average Student Ratings by Task

View average student session duration on a specific task.

Average Student Duration by Task

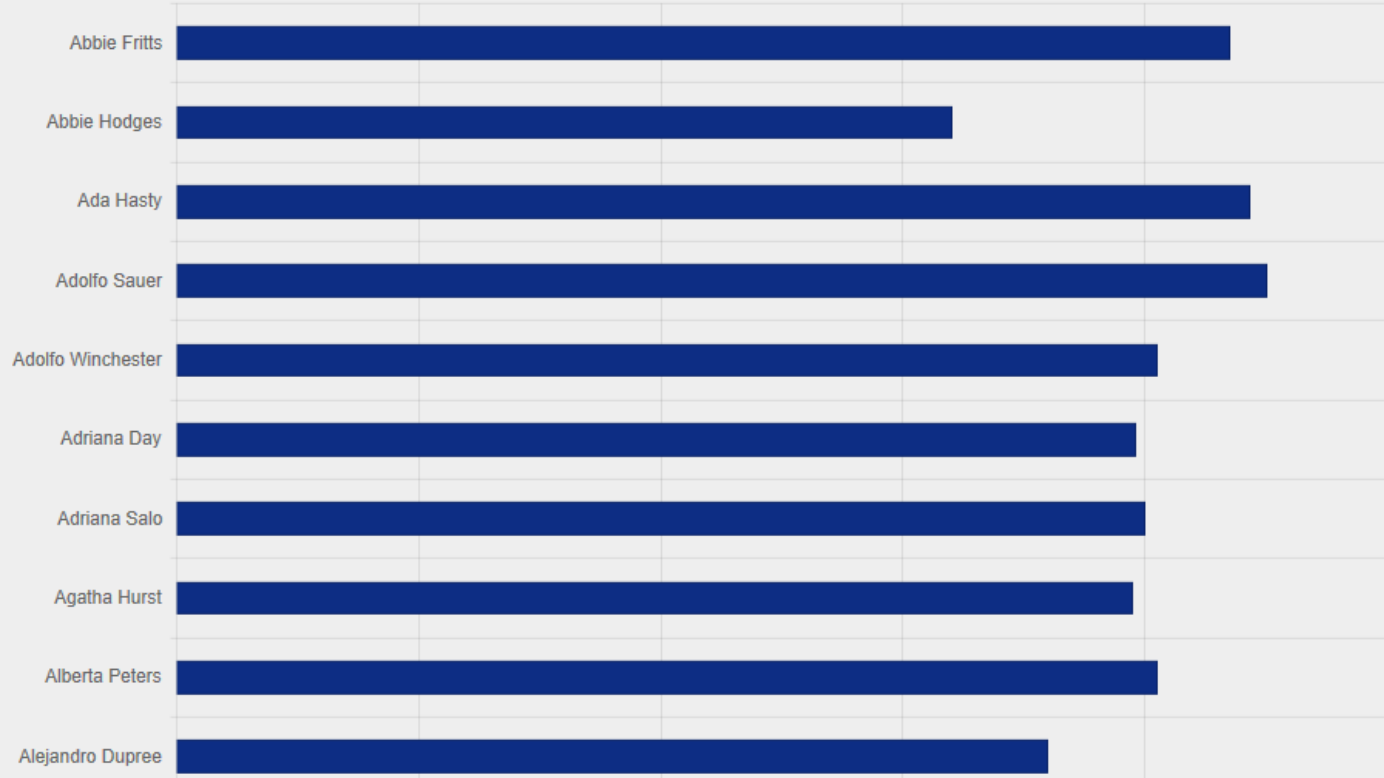Archive data for students without recent sessions.

Archive Data

localhost:5311/content/index.html#/lesson?dal=rest

Learner Performance Dashboard

Return Home

Average Student Ratings By Task

Select Task: Conduct Stand Alone Retail Operations

Enter Date Range - Leave Blank for All Dates:

Start
month/day/year

End
month/day/year

Clear Dates   Submit

Conduct Stand Alone Retail Operations

- Abbie Fritts
- Abbie Hodges
- Ada Hasty
- Adolfo Sauer
- Adolfo Winchester
- Adriana Day
- Adriana Salo
- Agatha Hurst
- Alberta Peters
- Alejandro Dupree

Where to we go from here?
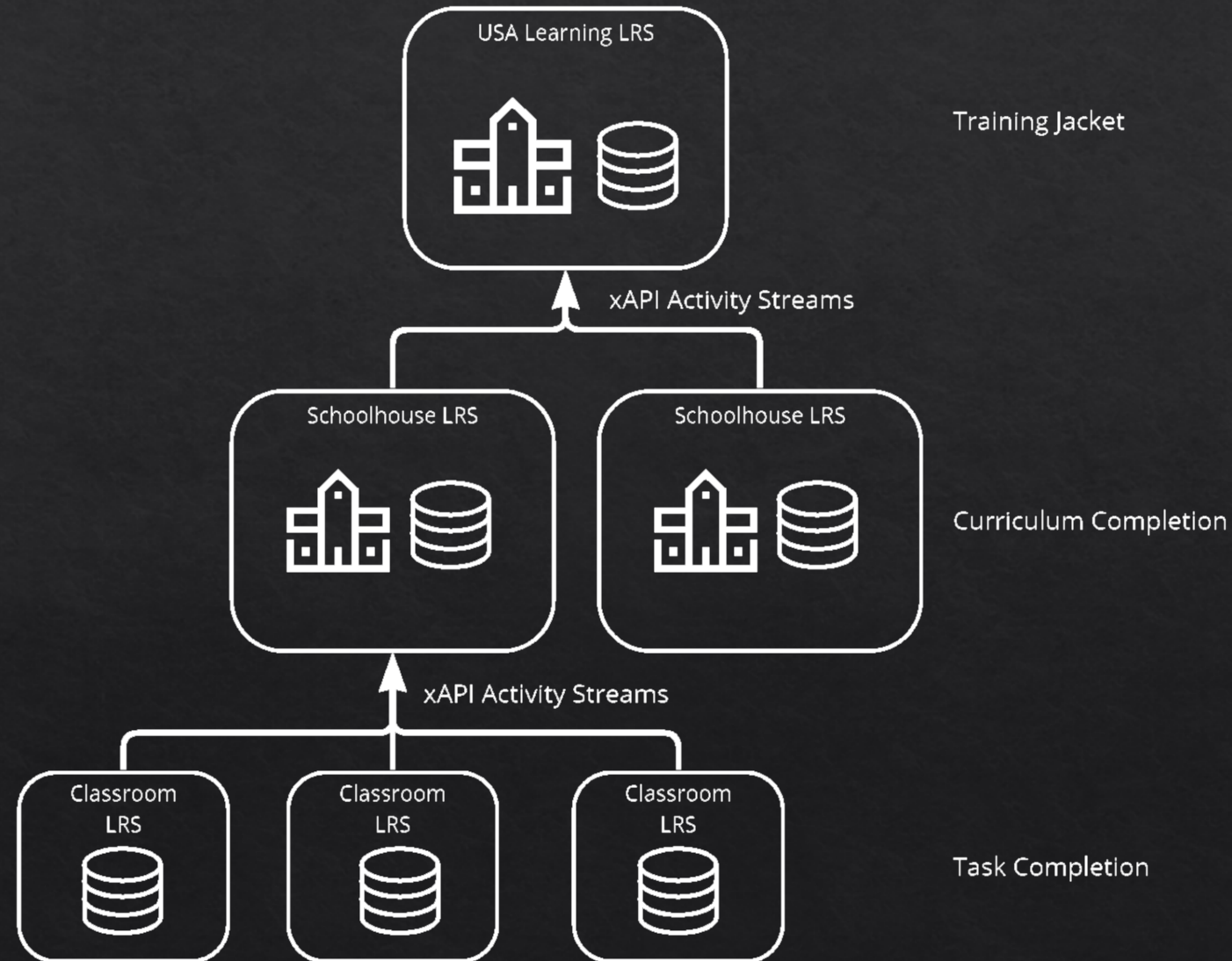
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