

Use Cases and Scenarios

We will post use cases and scenarios here. For Virtual Patient related use cases and discussion, see [Virtual Patient XAPI Use Cases](#).

See [University of Michigan's thoughts](#) on use cases and requirements.

Also, see the [VA ACLS scenario](#) for some background on how the VA would like to use XAPI.

I've noted these common themes:

1. [Tracking individual learner activity/resource use and results/performance across systems, sites, and organizations](#)
2. [Tracking team learning activities/resource use and results/performance across systems, sites, and organizations](#)
3. [Track activities that integrate multiple learning or simulation modalities or instances](#)
4. ~~Track discrete actions within a simulation or clinical experience (integrated into #1)~~
5. [Track competence assessment data, including preceptor assessment and learner self-assessment](#)
6. [Track supervisor/faculty feedback or recommendations for remediation based on recorded content](#)
7. ~~Tracking supervisor/faculty signoff on competency achievement or non-achievement (integrated into #5)~~
8. [Associate supporting materials, including video, with individual and group experiences to support formative assessment and activity evaluation](#)
9. [Obtain paradata \(activity usage data\) for one or more activities](#)
10. [Document demographics for use as paradata](#)
11. ~~Adaptive learning (part of #11)~~
12. [Access learner data , including performance and demographics, and use to direct learning](#)
13. [Analyze learning and performance data across systems, sites, and organizations](#)
14. [Track HIPAA protected patient health assessment and related patient education and activities/behaviors](#)

I'm hoping we can build these out as use cases (see [template](#)).

Also, see the [Nursing Competencies Checklists](#) from University of Michigan.

- [Access learner data , including performance and demographics, and use to direct learning](#)
- [Analyze learning and performance data across systems, sites, and organizations](#)
- [Associate supporting materials, including video, with individual and group experiences to support formative assessment and activity evaluation](#)
- [Document demographics and other types of data for use as paradata](#)
- [Granular Privileging triggered by performance in xAPI activities](#)
- [Obtain paradata \(activity usage data\) for one or more activities](#)
- [Patient engagement and lifestyle change support](#)
- [Scenarios and requirements, University of Michigan](#)
- [Track activities that integrate multiple learning or simulation modalities or instances](#)
- [Track competence assessment data, including preceptor assessment and learner self-assessment](#)
- [Track HIPAA protected patient health assessment and related patient education and activities/behaviors](#)
- [Tracking individual learner activity/resource use and results/performance across systems, sites, and organizations](#)
- [Tracking team learning activity/resource use and results/performance across systems, sites, and organizations](#)
- [Track supervisor/faculty feedback or recommendations for remediation based on recorded content](#)
- [Use Case: Clinician needs to use a device they have not used in a long time](#)
- [Use Case: Instructional designer wants to track learning that is hosted in multiple locations](#)
- [Use Case template](#)