



XB12 Instructional Materials

One Entry Point for Instructional Material Cost Data

THE LAMBDA LEGION

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Where the Process Breaks



No Single Source of Truth

Data is stored across disconnected systems



Classification Complexity

OER, free-but-not-OER, ZTC, LTC, and XB12 require specialized knowledge



Manual Work

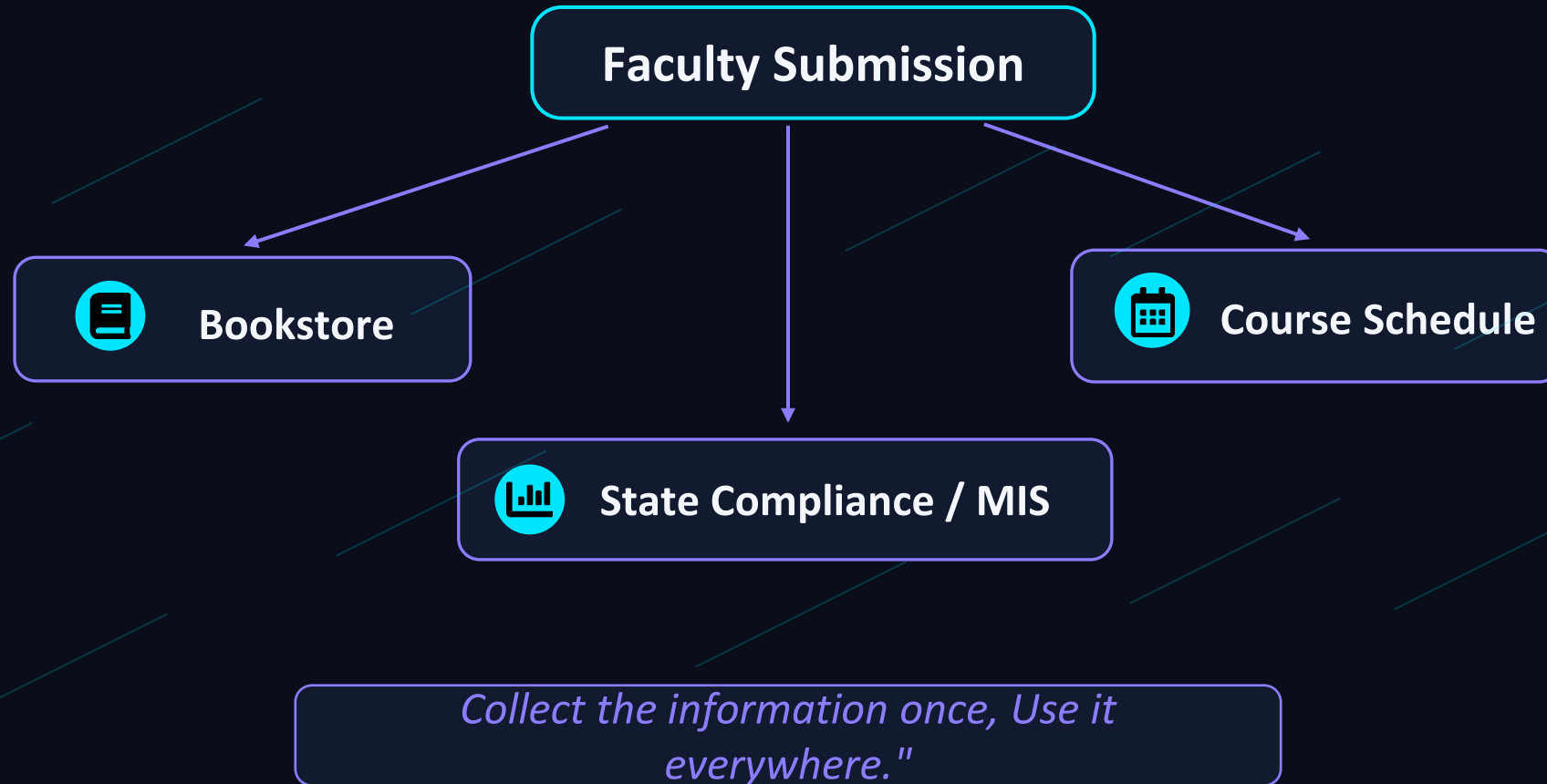
Staff chase responses, correct errors, and re-enter data



Late Student Visibility

Material costs may not be available before registration

One Submission, Multiple Destinations





```
1 > build.status = "DEMO TIME"  
2 > are_you_ready= True  
3 > team.energy = "still compiling"  
4 >  
5 > DEMO.deploy()
```

Powered by AWS credits, Lambda functions, and Kiro—our IDE best friend.



Register materials for your course

Select the class you're teaching, then add one or more textbooks or learning platforms. Reuse a resource that's already in the catalog, or add a new one — we'll pull details from public book registries and derive the **XB12 instructional-material cost code** for you.

1 Course & Instructor

Identify the section you are registering materials for.

Department & course number *

e.g. ACCT 01A

CRN * (Course Reference Number)

e.g. 21345

Section

e.g. 01

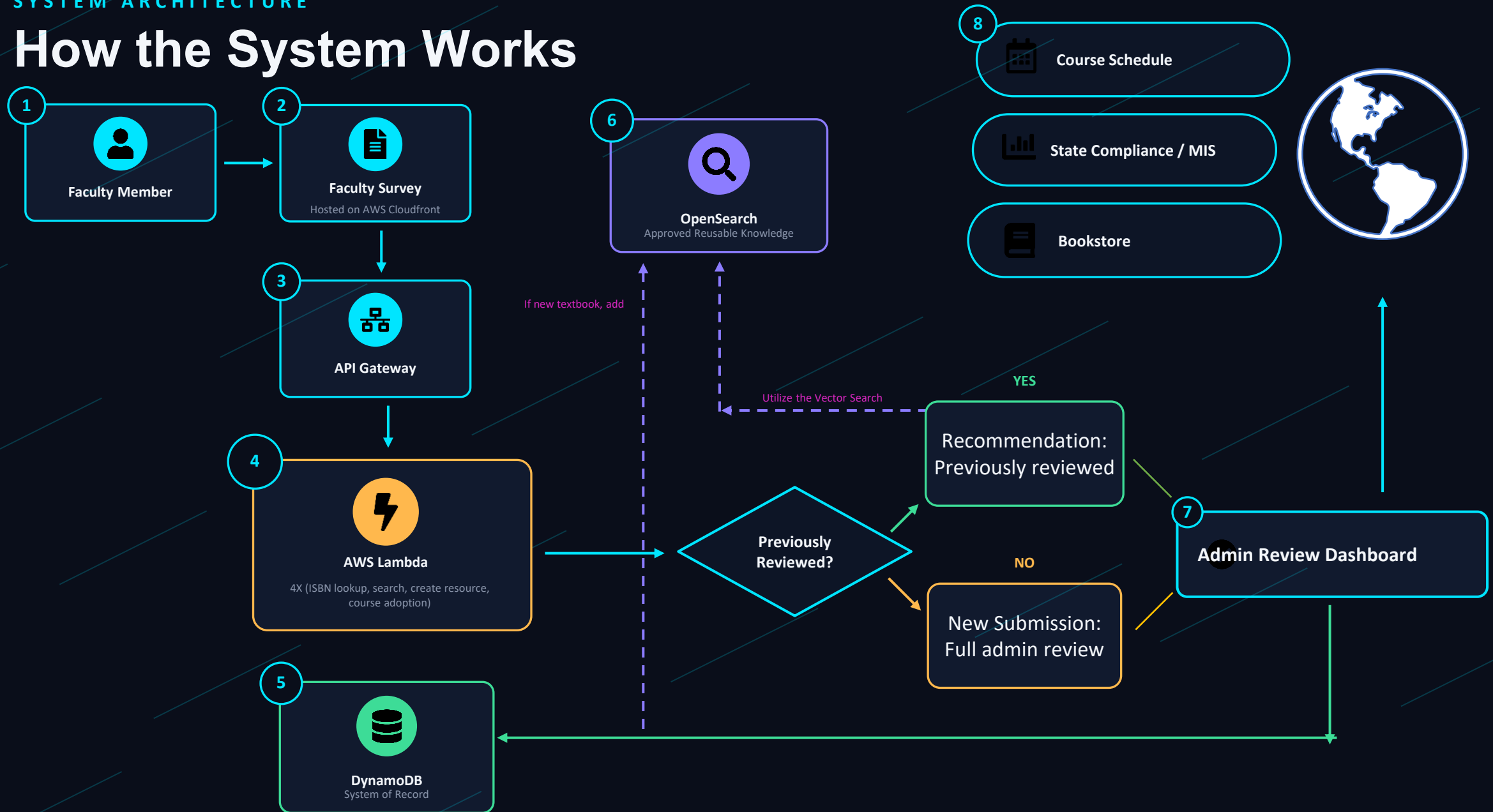
Quarter

Select...

Year

e.g. 2026

How the System Works



Less Manual Work, Faster Information



Staff

- Less manual entry
- Fewer spreadsheets
- Faster review
- More consistent classifications



Faculty

- One submission point
- Fewer repeated inputs
- Suggestions when reused
- Clearer review status



Students

- Earlier cost visibility
- Better registration decisions
- Clear zero/low-cost markings
- More transparent course info

"Designed to scale across hundreds of sections and multiple colleges."

Built by The Lambda Legion

"One workflow. Three destinations. Fewer spreadsheets."

```
> build.status = "working"  
  
> spreadsheet_dependency = false  
  
> team.energy = "still compiling"
```

> #Thank You

Thank You
AWS & DxHub
Challenge Sponsor: Shagun Kaur
Mentor: Zach

