



CFOCUS

Guiding growth  
in the education sector

**TEA Ed-Fi TPDM  
Sprint H Report  
March 29 - April 18, 2022**



# Project Status: **At RISK**

The project has experienced significant delays estimated as of today on 145 calendar days:

1. Architecture design (Delay: 100 working days)
  - DECISION: TEA and Instructure have agreed to change the approach to be a single ODS.
  - Additional timeline and process details needed from Instructure (Requested meeting to be scheduled by 3/11)
2. Dev Ops and Environment Setup (Delay: 20 working days)
  - Dev environment setup
  - Staging/Prod Environment are under TEA review and planning for setup

# Project High Level Task List

Milestones	Original Date	Updated Date	Status
Technical Architecture coordination with TSDS vendor	11/19/2021	<b>3/22/2022</b>	Additional information and timeline requested from Instructure and is delayed. Meeting was requested by 3/11 and has not been scheduled.
DevOps and environment setup (in collaboration with TEA)	12/3/2021	<b>3/22/2022</b>	Dev ODS set up completed <b>2/28/2022</b> Dev SQL Server setup <b>completed 4/18/2022 to be confirmed and tested still by Crocus</b> Staging/Prod Server setup <b>completed 4/18/2022 to be confirmed and tested still by Crocus</b>
Release 1 Data Loading	12/23/2021	<b>4/1/2022</b>	Ed-Fi Web API was upgraded during the sprint from April 8 ongoing through the sprint. To be completed and tested by Crocus in the next sprint  Remaining data to be loaded once Web API is upgraded.
Data Validation	1/7/2022	4/5/2022	Data Validation cases are prepared for data testing.

# Sprint H Goals

- Collaborate with Instructure to define architecture requirements (**Severely Overdue: Carry over from Sprint A**)
  - Decisions made on collaboration process with Instructure
- Establish development environment (**Severely Overdue: Carry over from Sprint B**)
  - Staging/Production server setup installation and confirmation of access
- Release 1 Goals:
  - Complete data loading for remaining domains (Staff, Candidate and Certification)
  - Data Validation cases drafted and prepared for data testing

# Highlights of Sprint Work

- Complete: Data Loading for Staff (partial) and Certification
- Complete: ETL packages for Candidate and remaining Staff domain associations
- In Progress: QA Review and Bug/Fix for data loading domains
- In Progress: Ed-Fi Web API upgrade
- In Progress: Dev Data Mart server and Staging/Production environments testing to confirm access
- Delayed: Timeline and integration process discussions with Instructure

# High Level Project Status - Legend



**Green - Work on target for completion by due date**



**Yellow - In progress but delayed or at risk**



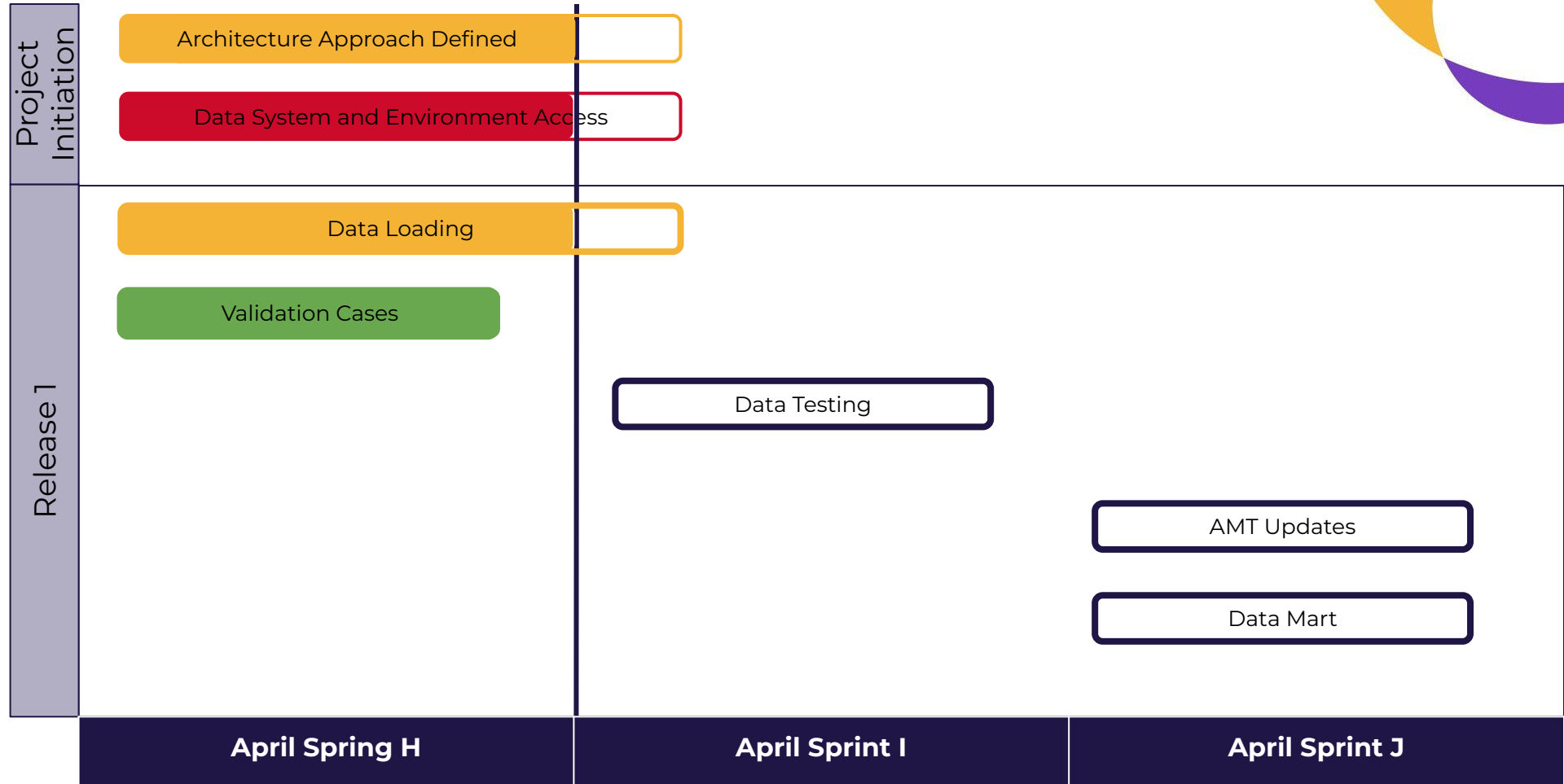
**Red - Severely delayed or blocked**



**Black - Not started**

**Fill of the block indicates the estimated percentage of work completed.**

# High Level Project Status



Project  
Initiation

Release 1

Architecture Approach Defined

Data System and Environment Access

Data Loading

Validation Cases

Data Testing

AMT Updates

Data Mart

April Spring H

April Sprint I

April Sprint J

# Focus of Upcoming Sprints



## **Sprint I (April 19, 2022)**

- Define the timeline and process for data loading and extractions from Instructure ODS
- Complete data loading to the development ODS **(CRITICAL)**
- Complete Bug/Fix for data loading
- Begin Data Testing for data on the Dev ODS



# Project Blockers

The project team is currently blocked by the following high priority tasks:

- Development Environment setup (Currently 100 working days overdue)
  - The Development ODS, Data Import Tool, and SFTP setup is complete
  - TEA has the server components and the Crocus team will test connections and details next sprint (by 4/22)
- TPDM WebAPI that is installed on Dev needs to be updated
  - The TPDM WebAPI is in process of being upgrade.
  - The upgraded version is having trouble connecting back to the ODS but troubleshooting by the team is in progress
  - Data loading is paused while this upgrade is being completed

# Project Risks

The project team is closely tracking these existing high impact project risks:

- EPP ODS installation and loading is contingent on Instructure availability
  - This will impact Release data loading Staging/Production timelines
  - TEA is coordinating with Instructure; next step is to discuss and define process details
- Development implementation limited by TEA approval processes and Instructure availability.
  - Change Order 2 submitted to TEA 3/14 which separates deliverables for TEA staging approvals and migration and Instructure ODS integration and testing.
- Development ODS is currently on a container owned by M. Jaramillo. This may limit the amount of testing and troubleshooting that Crocus can perform. Items could be blocked if M. Jaramillo is not available.
  - TEA is onboarding Zhi Lin to support Manuel
- Project success is impact by stakeholder (Project Team, TEA IT, etc) attendance and participation at team meetings including daily stand-ups and dev working sessions.
  - This was raised to stakeholders at project check-in held 2/28
  - Since that time TEA participation has improved but is not always consistent due to competing priorities of team members
- TEA TPDM Project Manager position is vacant as of 3/18
  - A temporary TEA project manager Leticia R. has been assigned until the position is filled.
  - Crocus will collaborate with Mark O and Melody K to alert any action items or issues.

# Project Risks

The project team is closely tracking these existing high impact project risks:

- TEA Jira is in its infancy of implementation at TEA is not fully utilized by the project team
  - The current tickets in Jira are collaborated on by the project team during stand ups, planning and review; however there is no collaboration happening in Jira with the team.
  - TEA has turned on notifications in Jira which should help the collaboration but many do not seem to even use the system yet.
- TEA Jira workflows do not match the project development workflow
  - The workflows for ticket types in Jira is defined by TEA and cannot be modified
  - The project team has discussed ways to work around the mismatch in process flows by using different ticket types and filling required fields with dummy information.
  - This is causing extra work to move tickets and not providing additional value.

**Thank You!**

