crocus

Guiding growth
in the education sector

TEA Ed-Fi TPDM
Sprint F Report

March 1 - March 14, 2022

Project Status: At RISK

The project has experienced significant delays estimated as of today on 125 calendar days:

1. Architecture design (Delay: 85 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 (No response as of 3/15)

2. Dev Ops and Environment Setup (Delay: 80 working days)
   - Dev Data Mart in progress
   - Test/Prod Environment are under TEA review
   - **Remaining Dev Data Mart components set up and installed by 3/22 or the project will be at a full stop starting 3/25**

Project High Level Task List

Milestones	Original Date	Updated Date	Status
Technical Architecture coordination with TSDS vendor	11/19/2021	**2/15/2022**	Completed. Decision from TEA and confirmation from Instructure received on 2/23/2022 Additional information and timeline requested from Instructure and is delayed.
DevOps and environment setup (in collaboration with TEA)	12/3/2021	**3/22/2022**	Dev ODS set up completed **2/28/2022** Remainder of Dev Server setup **due 3/22/22** Test/Prod components under TEA Review
Release 1 Data Mapping	N/A	**3/14/2022**	Completed 3/14 for all elements required for Release 1
Release 1 Data Loading	12/23/2021	**4/1/2022**	**SFTP was setup and connected in the sprint. Data Loading is proceeding.**

Sprint F 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)**
  - Development server setup completed
- Release 1 Goals:
  - Release 1 mapping complete
  - Load data for mapping that has been completed (EdOrg, Descriptors, Applicants/Applications)
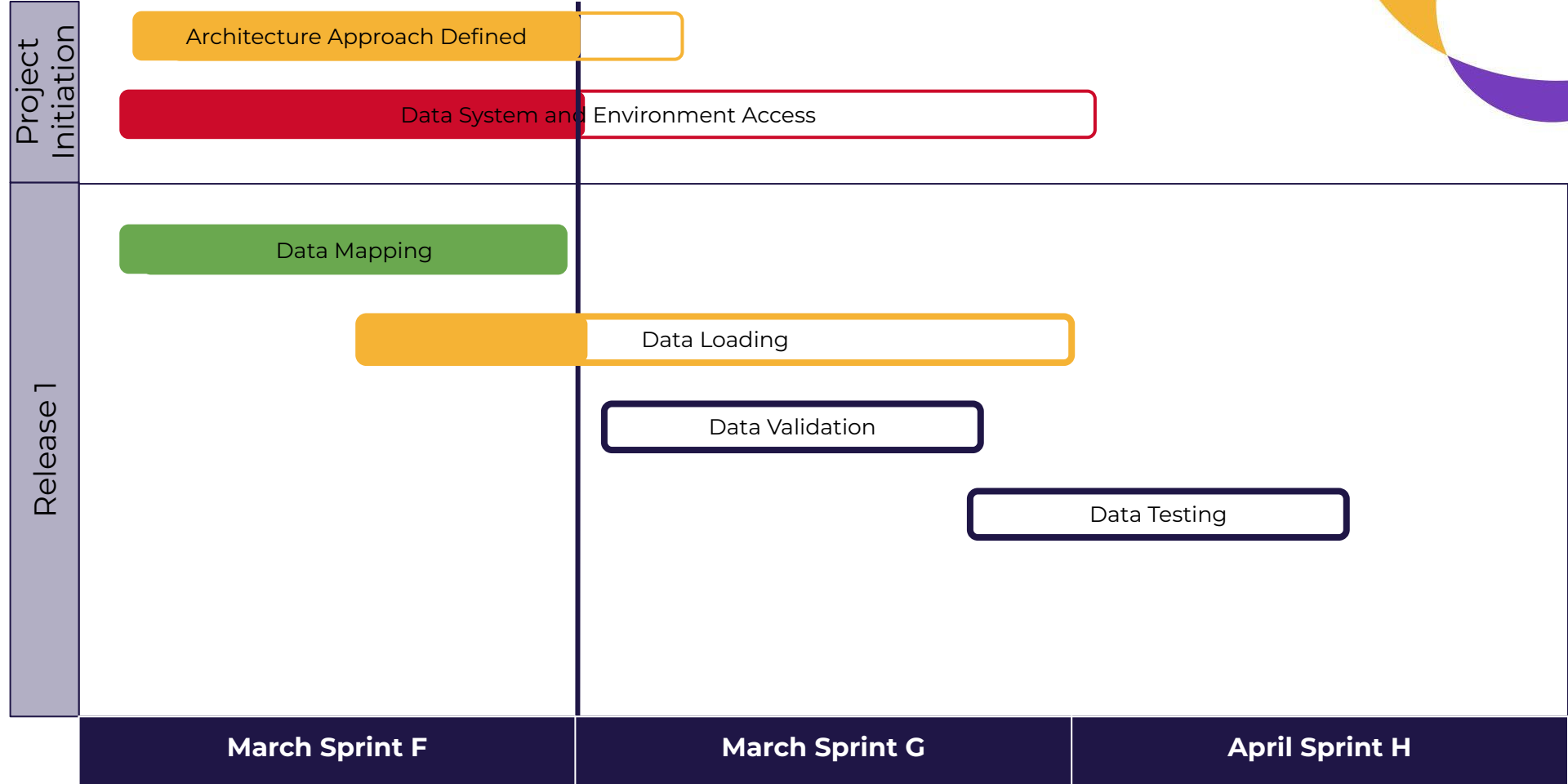 - Candidate, Student partially loaded

Highlights of Sprint Work

- Complete: Data mapping for Release 1
- Complete: EdOrg and Descriptor loading
- In Progress: Remainder of Release 1 data loading
- In Progress: Dev Data Mart server set up
- In Progress:
- On Hold: Timeline and integration process discussions with Instructure

Highlights of Sprint Work

- Release 1 mapping was completed. This included a lot of guidance from Mark O on data requirements from the source systems. There was a substantial amount of mapping completed that will not be used immediately in Release 1 but will support other Essential Questions.
- Data Loading has begun for Release 1 into the Development Environment ODS. Manuel J. was very supportive and helped transition the ODS from the original container to the new server location.

High Level Project Status

Project Initiation			
Architecture Approach Defined			
Data System and Environment Access			

Release 1			
Data Mapping			
Data Loading			
Data Validation			
Data Testing			

March Sprint F	**March Sprint G**	**April Sprint H**

Focus of Upcoming Sprints

Sprint G (March 15, 2022)

- Define the timeline and process for data loading and extractions from Instructure ODS

- Installation of the Data Mart architecture components required for development of Release 1 **(CRITICAL)**

- Define the structure and process to set up the Test/Prod Environment Components **(CRITICAL)**

- Complete data loading to the development ODS

- Establish data validation template and begin gathering validation rules

Project Blockers

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

- Development Environment setup will need to be completed in the next sprint or Release 1 will be blocked. (Currently 80 working days overdue)
  - The Development ODS, Data Import Tool, and SFTP setup is complete
  - TEA is collaborating with the appropriate teams to define the process to set up the Dev Data Mart Server and Staging/Production environments
  - If not Development Environment is not set up by 3/22, the project will be at a full stop starting 3/25

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 may impact Release data loading Staging/Production timelines
  - TEA is speaking with Instructure on answers to details and process
- 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.
  - Dev ODS was moved to a server but Crocus is still limited on access
- 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 identified at the project check-in held 2/28 and recorded as an action item for TEA.
- TEA Project Manager is departing 3/18.
  - A temporary TEA project manager will be assigned until the position is filled. Crocus will collaborate with Mark O and Melody K to alert any action items or issues.

Thank You!