

Transition Plan (TP)

Discovery Tool

Team 3

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12/01/18

Version History

Date	Author	Version	Changes made	Rationale
12/01/18	XD	1.0	Initial draft	Initial draft for Discovery Tool Transition Plan

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1. Transition Strategy

Our transition strategy consists of three major points:

- **Ensure all client expectations are met:** Verify that the website fulfills all use cases
- **Hand over entire codebase and all documentations to client:**
 - The team intends to provide a User Guide covering (at a minimum) all core capabilities for each identified user (content contributor, content admin, super admin)
 - All code will be documented, in addition the backend API leverages Swagger
- **Provide dev support for client side maintainer:** Direct communication over slack or skype video meeting when both parties are available

1.1 Transition Objectives

The Discovery Tool will be delivered as a system for limited pilot operation. The dev team will tarball the whole codebase as well as all documentation and upload it to team site for client access. After the handover, Team 3 will provide ad hoc support for the client maintainer. However, considering the fact that staff are graduating, there are some unknowns on how long this support will last. To compensate that, Team 3 intentionally chose frontend and backend web techs which System1 is familiar with, such as Python Flask, React, and AWS. Besides, documented code will suffice. The transition relevant deliverables will be documented code (supplemented with Swagger API documentation), a Technical manual, and a User manual. The system delivered is a new system.

1.2 Transition Process Strategy

The transition will be a simple handover with codebase archive as well as documentations. Besides the ad hoc support provided by the dev team, the transition process will be instantaneous cutover. All tests conducted are delivered within the codebase or stated in the documentation. There is no scheduled future alpha test, beta test, or independent operational test and evaluation after the handover.

2. Preparing for Transition

2.1 Hardware Preparation

The following hardware is required:

- Client computer with mainstream browser installation and internet connection

2.2 Software Preparation

The code base archive has:

- backend/
- frontend/

Each contains the source code for the two major perspectives of the system.

The other way to get the code base is to clone the repo from github T3 repo. See technical manual for detailed instruction to acquire the codebase.

This tool is currently being developed as part of a school project for CS577A at USC in collaboration with System1 over the Fall 2018 semester. The entire system belongs to USC.

Refer to the technical manual for detailed instruction of getting started with the system.

The following software tools may assist future development

Table 1: Software Tools

Software	Rationale	Support Information
Compass	Intuitive GUI for visualizing and analyzing mongoDB database collections	https://docs.mongodb.com/guides/
Postman	API development and testing environment	https://learning.getpostman.com/
Sublime	Popular text editor with rich functionality and great community support	https://www.sublimetext.com/

2.3 Site Preparation

The following equipment is required:

- Client computer with mainstream browser installation and internet connection
- Skype and slack installation for ad hoc support

3. Stakeholder Roles, Responsibilities and Schedule

Table 2: Transition Schedule

Date	Role	Responsibility	Location
12/05/2018	Dev team	Complete documentation before final deliverable deadline.	T3 Team site
TBD	Dev team	Provide ad hoc support	Slack, Skype
TBD	System1 users (Super admin, content admins, content contributors)	Learn to use the web app. Provide user experience feedback	System 1
TBD	System1 maintainer	Understand the codebase. Learn to use the tools and services, ask questions	System 1