

# Team 3: System1 Discovery Tool Transition Readiness Review

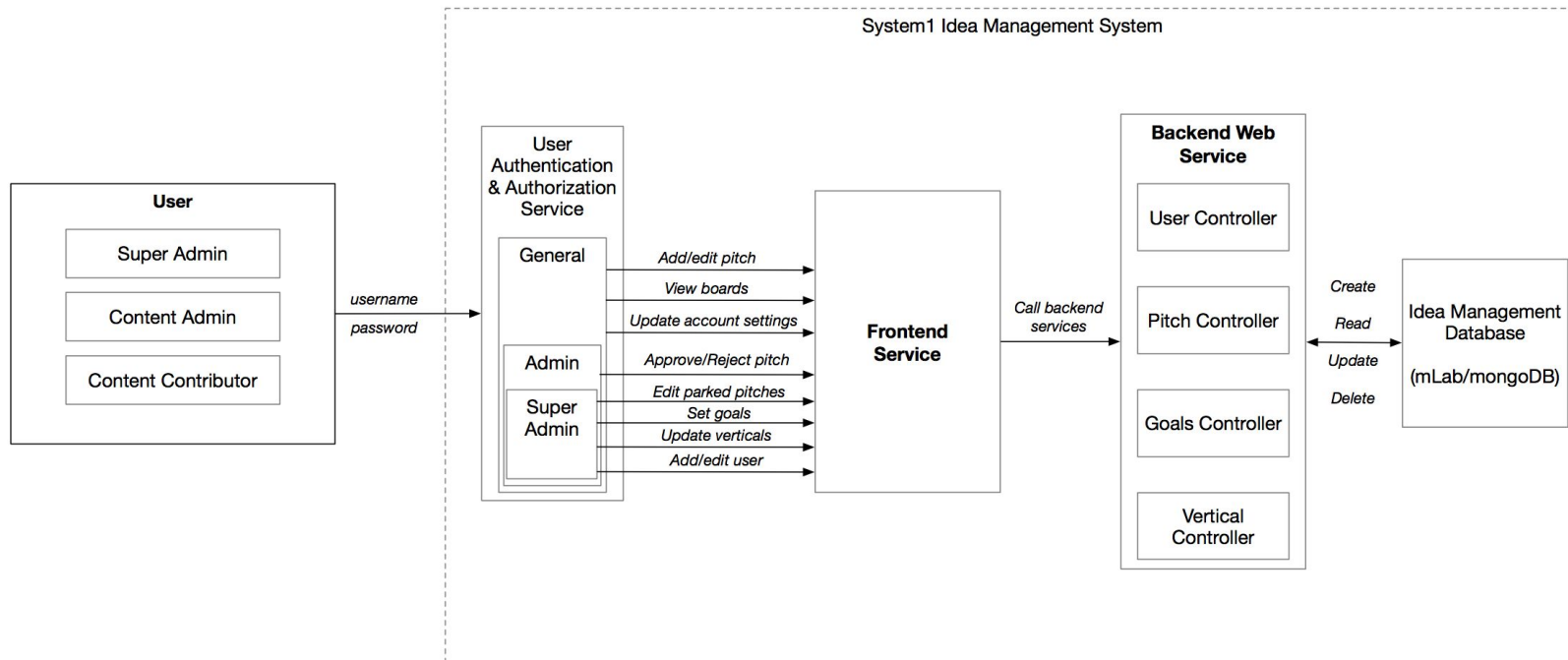
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- Operational Concept Overview
- Transition Objective and Strategy
- Capability Demo
- Testing Suite and Results
- Quality Focal Point
- Transition Plan

# Operational Concept Overview

Discovery Tool is a web app based idea management system. It serves as an internal tool to System1. It provides a solution to help System1 content contributors and admins to streamline, manage, accelerate their workflow. It gives the admins necessary tooling to quickly scale the team as well as content production. Overall, the system supports the team to work cross-functionally, leveraging resources to meet needs as efficiently as possible.

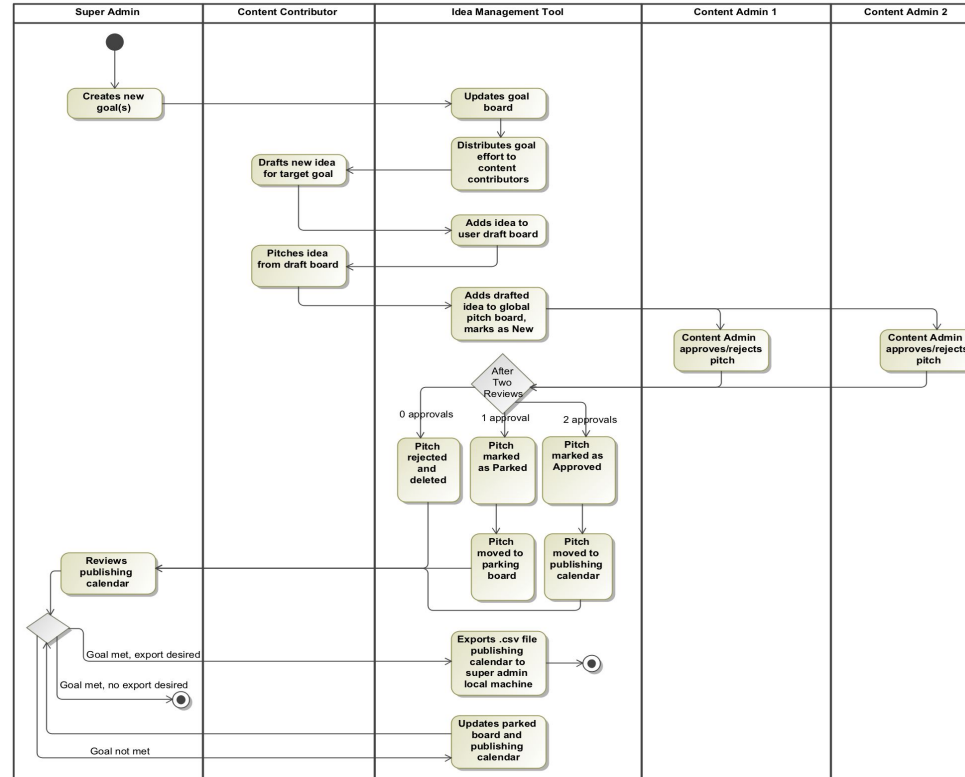


- System1 has affirmed that their developers are familiar with frontend and backend web technologies, and that documented code will suffice
- Team 3 made the additional effort to use technologies more familiar to the System1 developers such as Python Flask, React, and AWS
- The transition relevant deliverables will be documented code (supplemented with Swagger API documentation), a System manual, and a User manual
- More details to come in later slides



Creative Tim

## Idea Management Workflow with New Idea Management System



Test Case	Test Description	Test Procedure	Test Status
<b>TC-01 Login page tests</b>			
TC-01-1	Login	Input a username and password, then click login button	F
<b>TC-02 Content contributor dashboard tests</b>			
TC-02-1	View current week goal and progress	Visually check if the information is presented: the total number of pitches needed for this week. The desired verticals and number of pitch needed by each vertical, and pitches submitted for each vertical so far	P
TC-02-2	View past week goals	Choose a past week in the calendar, visually check if the goal verticals are presented	P
TC-02-3	View future week goals	Choose a future week in the calendar, visually check if the goal verticals are presented	P
TC-02-4	View individual performance	Visually check if progress for each vertical is presented	P
TC-02-5	Logout	Click on logout button, log out of the session	F



Test Case	Test Description	Test Procedure	Test Status
<b>TC-03 Content contributor draft board tests</b>			
TC-03-1	Create a draft	Populate the entries under “pitch draft”, then click “pitch it”, check dashboard and global pitch board	P
TC-03-2	Edit a draft	Click on the detail button, edit field, then click “update draft”	F
TC-03-3	Delete a draft	Click on “delete”, see if the pitch is deleted	F
TC-03-4	View a draft	Check if the information is presented: draft ID, title, vertical, creator ID, time created, last time modified. Then click on “detail” button, check: description, URL, buyside network, quiz type, inspiration, targeting info	F
TC-03-5	Pitch a draft	Click the “pitch it” button to publish this draft to the global pitch list. This draft should then removed from this draft board. Check dashboard to see the submitted pitch. Check global pitch board to see if the pitch is there marked as ‘new’	P

Test Case	Test Description	Test Procedure	Test Status
<b>TC-04 Content contributor global pitch board tests</b>			
TC-04-1	View a pitch	Check if the information is presented: draft ID, title, vertical, creator ID, time created, last time modified, status (new, approved, rejected, parked). Then click on “detail” button, check: description, URL, buyside network, quiz type, inspiration, targeting info	P
TC-04-2	Filter pitches by criteria	Click on the filters, check if the list gets filtered	F
<b>TC-05 Admin dashboard tests</b>			
TC-05-1	View current week goal and progress	Visually check if the information is presented: overall project progress, goal verticals, number of pitch needed by each vertical, progress of each vertical (pitch approved / needed).	P
TC-05-2	View past week goals	Choose a past week in the calendar, visually check if the goal verticals are presented	P
TC-05-3	View future week goals	Choose a future week in the calendar, visually check if the goal verticals are presented	P
TC-05-4	Logout	Click on logout button, log out of the session	F

Test Case	Test Description	Test Procedure	Test Status
<b>TC-06 Admin global pitch board tests</b>			
TC-06-1	View a pitch	Check if the information is presented: draft ID, title, vertical, creator ID, time created, last time modified, status (new, approved, rejected, parked). Then click on “detail” button, check: description, URL, buyside network, quiz type, inspiration, targeting info	P
TC-06-2	Approve/reject a pitch	Click on the approve button, if a total number of 2 admin/super admin have different opinions, the status of the pitch is changed to “parked” which is then moved to the parking board, and removed from the pitch board. Rejected pitch is permanently removed from database	P
TC-06-3	Filter pitches by criteria	Click on the filters, check if the list gets filtered	F
TC-06-4	Edit a pitch	Click on the detail button, edit field, then save changes	P

Test Case	Test Description	Test Procedure	Test Status
<b>TC-07 Admin team board tests</b>			
TC-07-1	View team member details	Click on a team member and view his/her information: member name, account type(contributor, admin, super admin), details (name, gender, email, phone, address, county, state, country)	F
TC-07-2	Change a team member's account type	Click on a team member and change the account type between admin and contributor	F
TC-07-3	Create a new user	Click on "+" and create a new admin or contributor account	F
TC-07-4	Delete an existing user	Click "delete" to remove an existing account	F

Test Case	Test Description	Test Procedure	Test Status
<b>TC-08 Super admin dashboard tests</b>			
TC-08-1	View current week goal and progress	Visually check if the information is presented: overall project progress, goal verticals, number of pitch needed by each vertical, progress of each vertical (pitch approved / needed). Personal performance in a list with 3 bars. Click on a member, show the person's detailed performance diagram	P
TC-08-2	View past week goals	Choose a past week in the calendar, visually check if the goal verticals are presented	P
TC-08-3	View future week goals	Choose a future week in the calendar, visually check if the goal verticals are presented	P
TC-08-4	Logout	Click on logout button, log out of the session	F

Test Case	Test Description	Test Procedure	Test Status
TC-9 Super admin global pitch board tests			
TC-09-1	View a pitch	Check if the information is presented: draft ID, title, vertical, creator ID, time created, last time modified, status (new, approved, rejected, parked). Then click on “detail” button, check: description, URL, buyside network, quiz type, inspiration, targeting info	P
TC-09-2	Approve/reject a pitch	Click on the approve button, if a total number of 2 admin/super admin have different opinions, the status of the pitch is changed to “parked” which is then moved to the parking board, and removed from the pitch board. Rejected pitch is permanently removed from database	P
TC-09-3	Filter pitches by criteria	Click on the filters, check if the list gets filtered	F
TC-09-4	Edit a pitch	Click on the detail button, edit field, then save changes	P

Test Case	Test Description	Test Procedure	Test Status
<b>TC-10 Super admin weekly publishing calendar tests</b>			
TC-10-1	View a pitch	Check if the information is presented: draft ID, title, vertical, creator ID, time created, last time modified, status (new, approved, rejected, parked). Then click on “detail” button, check: description, URL, buyside network, quiz type, inspiration, targeting info	P
TC-10-2	Edit a pitch	Click on the detail button, edit field, then save changes	P
TC-10-3	Filter pitches by criteria	Click on the filters, check if the list gets filtered	F
TC-10-4	Export pitch to CSV	Click “Download” and export the weekly publishing calendar into CSV file	F

Test Case	Test Description	Test Procedure	Test Status
TC-11 Super admin parking board tests			
TC-11-1	View a pitch	Click on a pitch in the list to view its details: pitch ID, title, vertical, creator ID, time created, last time modified, details(description, URL, buyside network), status(new, approved, rejected, parked, which will always be parked), log(contributor X modified at 11:30pm 11-10-18)	P
TC-11-2	Edit a pitch	Click on the detail button, edit field, then save changes	P
TC-11-3	Filter pitch by criteria	Click on the filters, check if the list gets filtered	F
TC-11-4	Change pitch status from parked to approved and move to publishing calendar	Click on a pitch, change its status to approved, check if it has been moved into publishing calendar (change parked pitches' status to approved, remove them from parking board, move into publishing calendar)	P



Test Case	Test Description	Test Procedure	Test Status
<b>TC-12 Super admin team board tests</b>			
TC-12-1	View team member details	Super admin can click on a team member and view his/her information: member name, account type(contributor, admin, super admin), details (name, gender, email, phone, address, county, state, country)	F
TC-12-2	Change a team member's account type	Super admin can change a team member's type between admin and contributor	F
TC-12-3	Create a new user	Click '+', input all entries, then click 'create account', see if the new account shows in the team board	F
TC-12-4	Delete an existing user	Click 'delete' button to remove an account	F

Test Case	Test Description	Test Procedure	Test Status
TC-13 Super admin goals board tests			
TC-13-1	Set goals for current week	Click in “+” button, input entries, click submit, check if the new goal is presented in the goal board, check if the goal is distributed among contributors	P
TC-13-2	Set goals for future week	Click in “+” button, input entries, choose a future week, click submit, check if the new goal is presented in the goal board, check if the goal is distributed among contributors	P
TC-13-3	Check past weeks’ goals	Select a past week in the due date field, see if the goal list gets updated	P

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Use Case covered

27/48

Test Case passed

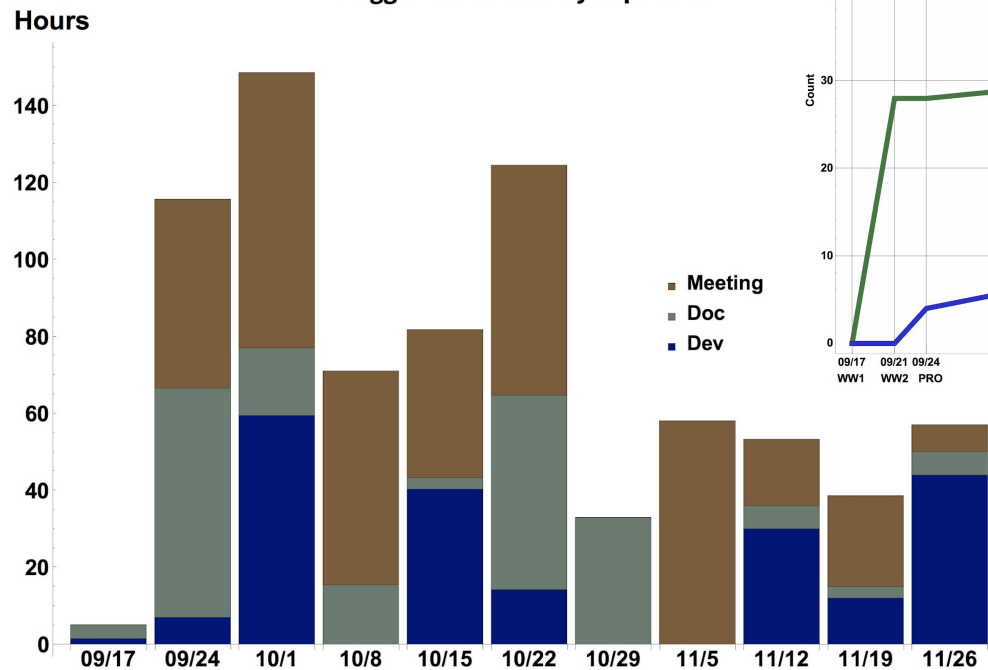
# Quality Focal Point

OCD	Win Conditions	Use Cases	Tests
Login	WC_4985 WC_4986 WC_4987	UC-1	TC-01-01
Contributor Dashboard	WC_4988 WC_4989 WC_4993	UC-2 UC-3 UC-4 UC-5 UC-6 UC-7 UC-8 UC-9	TC-02-1 TC-02-2 TC-02-3 TC-02-4 TC-02-5
Contributor draft board	WC_4994 WC_4995 WC_4996 WC_4997 WC_4998	UC-10 UC-11 UC-12 UC-13 UC-14	TC-03-1 TC-03-2 TC-03-3 TC-03-4 TC-03-5
Contributor global pitch board	WC_4999	UC-15 UC-16	TC-04-1 TC-04-2
Super admin dashboard	WC_5002 WC_5003 WC_5006	UC-20 UC-21 UC-22 UC-23 UC-24 UC-25 UC-26	TC-08-1 TC-08-2 TC-08-3 TC-08-4
Super admin global pitch board	WC_5007 WC_5008	UC-27 UC-28 UC-29	TC-09-1 TC-09-2 TC-09-3 TC-09-4

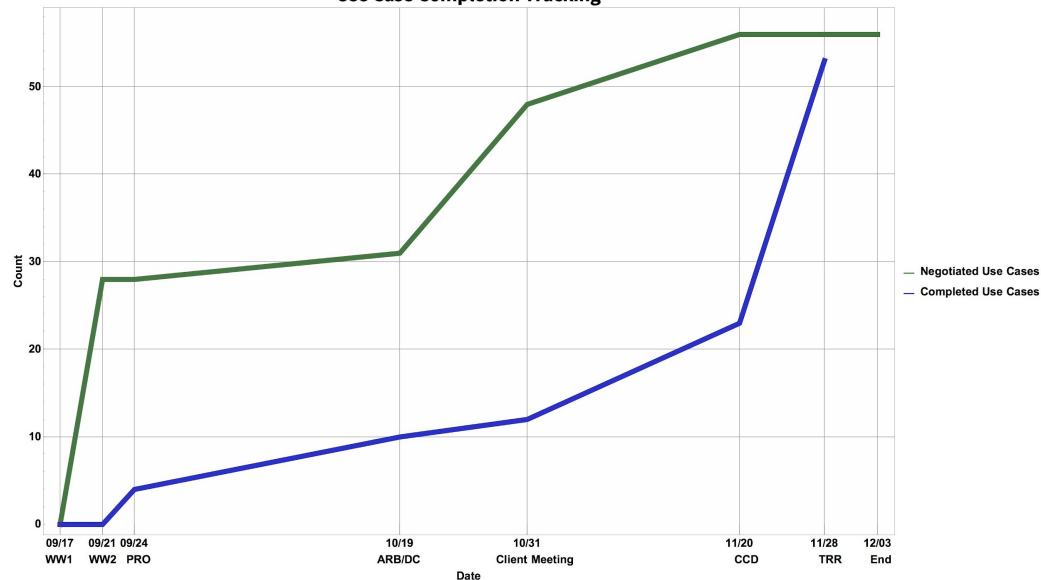
OCD	Win Conditions	Use Cases	Tests
Super admin weekly publish calendar	WC_5010 WC_5011 WC_5013	UC-30 UC-31 UC-32 UC-33	TC-10-1 TC-10-2 TC-10-3 TC-10-4
Super admin parking board	WC_5014 WC_5015	UC-34 UC-35	TC-11-1 TC-11-2 TC-11-3 TC-11-4
Super admin team board	WC_5016 WC_5017 WC_5018 WC_5019	UC-36 UC-37 UC-38 UC-39	TC-12-1, TC-12-2, TC-12-3, TC-12-4
Super admin goal board	WC_5020 WC_5021	UC-40 UC-41 UC-42	TC-13-1, TC-13-2, TC-13-3
Admin dashboard	WC_5027 WC_5024 WC_5023	UC-44 UC-45 UC-46 UC-47 UC-48 UC-49 UC-50	TC-05-1 TC-05-2 TC-05-3 TC-05-4
Admin global pitch board	WC_5028 WC_5029	UC-51 UC-52 UC-53	TC-06-1 TC-06-2 TC-06-3 TC-06-4
Admin team board	WC_5031 WC_5032 WC_5033 WC_5034	UC-54 UC-55 UC-56 UC-57	TC-07-1 TC-07-2 TC-07-3 TC-07-4

Description	Category 1	Category 2	fixed?	How did you fix it/mitigation plan
Hierarchy level limited by DB design: rushed database design due to ARB timeline after pivot	Life Cycle Management Shortfalls	Reckless deliberate	Yes	Discussed DB design further as a team and refactored database models based on discussion
Limited testing -- need to conduct more tests	Life Cycle Management Shortfalls	Reckless deliberate	Partially	Manually tested core capabilities, implement more automated tests by as built package delivery
Some API endpoints are getting large and logically complex	Life Cycle Management Shortfalls	Reckless deliberate	Yes	Refactored backend into separate routes encapsulating smaller chunks of logic
Not all code is commented and documentation is incomplete	Life Cycle Management Shortfalls	Reckless deliberate	No	Conduct code review then implement documentation
Delayed integration between frontend and backend due to time pressure	Methods tools and process shortfalls	Reckless deliberate	Yes	Integrated backend and frontend

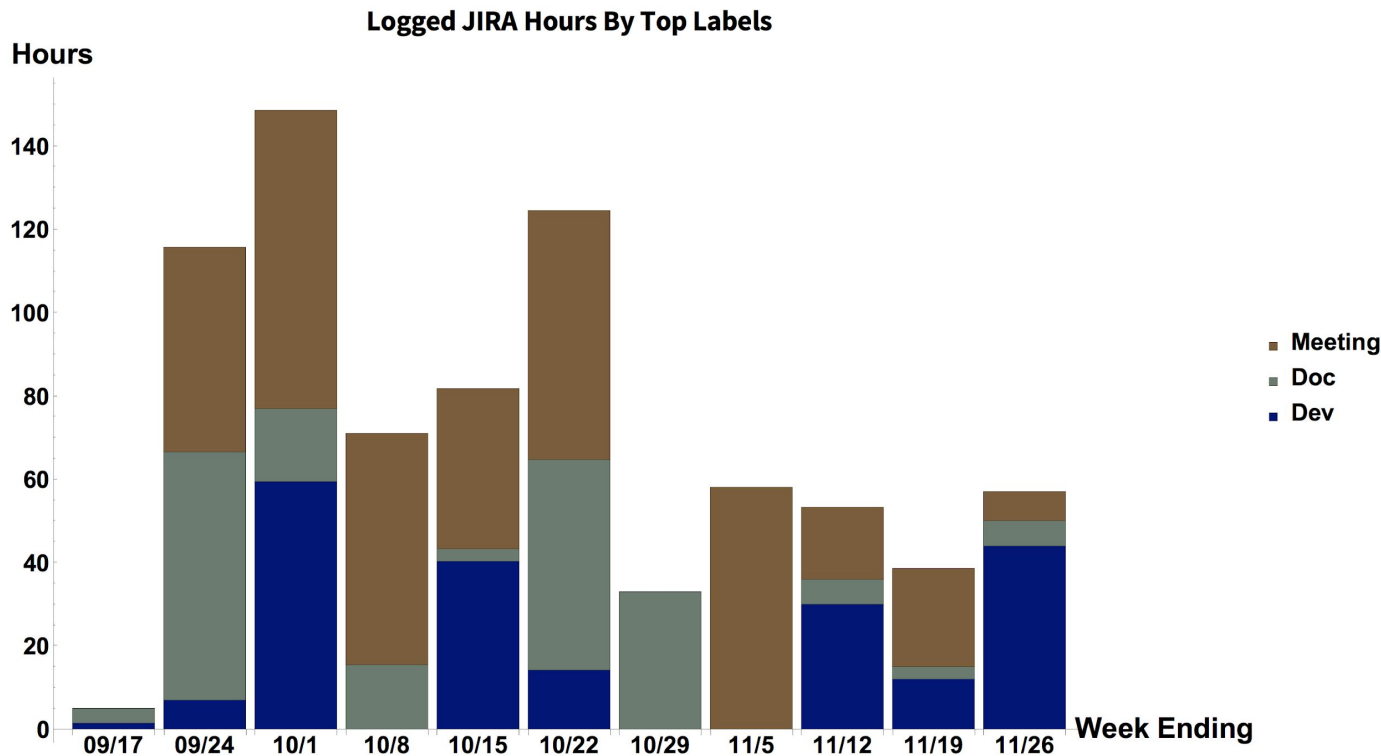
Logged JIRA Hours By Top Labels

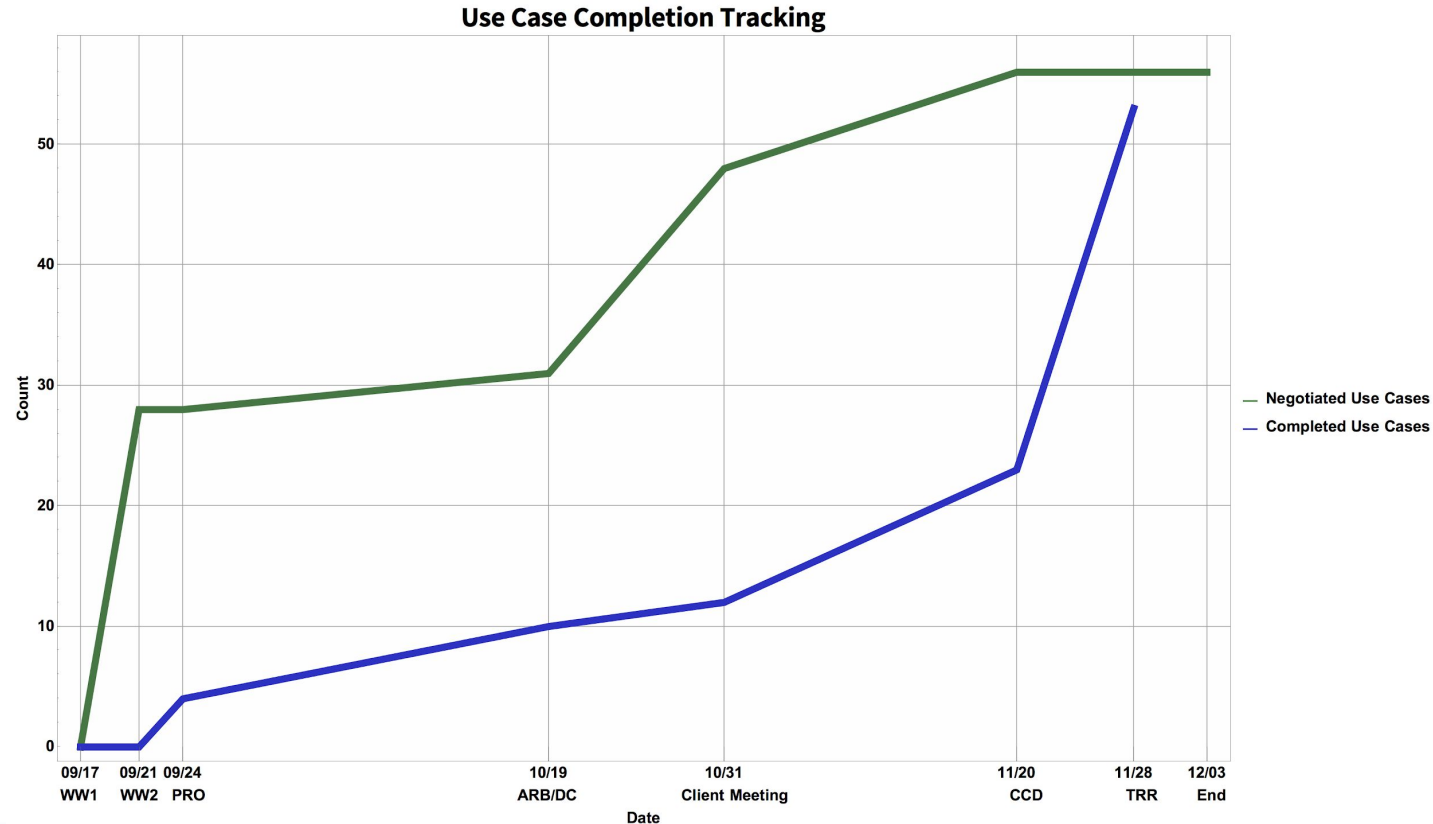


Use Case Completion Tracking









# Transition Plan

- **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

- No hardware is involved in this project
- Software components and services required:
  - Flask
  - JSON web token
  - React
  - Webpack
  - AWS
  - Swagger UI
  - Node JS
  - Creative TIM
  - mLab

- **Training**
  - Maintainer: A system manual will be written, explaining the system design as well as setup for deployment. DC package is also available for reference
  - Users: A user manual will be written, explaining the core capabilities of each role (content creator, content admin, super admin)
- **Testing**
  - All test cases will be delivered as part of the final deliverables package
- **Evaluation**
  - Take feedback from the users and maintainers
  - Provide support for the maintainer

Roles	Responsibilities
Dev team	Complete documentation before final deliverable deadline. Provide ad hoc support
System1 user (Super admin, content admins, content contributors)	Learn to use the web app. Provide user experience feedback
System1 maintainer	Understand the codebase. Learn to use the tools and services

Milestone	Date
Win-win Negotiation 1	9/17/18
Win-win Negotiation 2	9/21/18
Prototype Presentation	9/24/18
ARB Presentation / DC package	10/19/18
Client Meeting	10/31/18
CCD Session	11/20/18
TRR Presentation	11/28/18
As-built Package Delivery	12/3/18



- User manual
- System manual
- Swagger API documentation
- DC Package
- Creative Tim credentials
- AWS credentials
- mLab credentials

# Q&A