CSCI577a Agricultural Drone-Team 2

Backlog

To Do
Submit LCP

LCP - Iteration Plan Section

Sprint 1 [09/14/20 - 09/20/20]

Done
Invite USC staff to Trello board
Log Time (hrs): 0.25  Priority: Low

Done
Submit client interaction report

Sep 14  1

Done
Create 6 win-win conditions

Sep 14

Done
Submit Bi-Weekly Report

Sep 18
Create the team website.

Add the team bio to the team website

Sprint 2 [09/21/20 - 09/27/20]

Enter WCs in WinSC and send to UAV-IQ

Sign-up for Prototype Presentation slot

Prototype Presentation

Select prototype to build for prototype presentation
Draft Personas

Investigate APIs for Prototyping

Create draft benefit chain diagram

Create prototype presentation

Sprint 3 [09/28/20 - 10/04/20]

Submit Bi-Weekly Report

OOA&D Workshops

Conduct cloud service trade study
Done
Build application cloud deployment prototype

Log Time (hrs): 4
Priority: Medium

Done
Define preliminary software architecture

Log Time (hrs): 1.5
Priority: Medium

CW

Done
Outline relationship between current system and proposed system

Log Time (hrs): 1.5
Priority: Medium

Create draft system boundary and environment diagram

Priority: Medium

JD

Done
Wordpress/solution dashboard integration feasibility study

Priority: High

Done
Database selection feasibility study

Oct 5
Priority: Medium

L
Done
Hardware and software cost analysis  

Log Time (hrs): 3  Priority: Medium

Done
Build CI for team website  

Log Time (hrs): 3  Priority: Low

Done
Distribute LCP tasks  

Log Time (hrs): 8  Priority: High

Done
Draft business workflow diagram for OCD  

Log Time (hrs): 3  Priority: Medium

Sprint 4 [10/5/20 - 10/11/20]

Done
Trade-Study for mapping technology (w/satellite images) and down selection for prototype  

Oct 9  Priority: High

Done
Complete individual responsibilities by phase for your role within the LCP  

Log Time (hrs): 1  Priority: Medium
Done
Complete individual skill descriptions within the LCP

Done
COCOMO II Updates for LCP
Log Time (hrs): 4

Done
OCD complete shared vision section
Log Time (hrs): 1  Priority: Medium

Done
OCD benefits chain and system capability desc. sections
Log Time (hrs): 1  Priority: Medium

Done
OCD system transformation section
Log Time (hrs): 1  Priority: Medium

Done
OCD System Boundary Write up
Log Time (hrs): 1

Done
OCD Operational Transformation
Log Time (hrs): 0.5
Done
FED complete level of service feasibility

Log Time (hrs): 0.5
Priority: Medium

JD

Done
FED Risk Assessment

Log Time (hrs): 1

JD

Done
OCD system objectives

Log Time (hrs): 1
Priority: Medium

Z

Done
OCD business workflow diagrams


Done
FED business case

Log Time (hrs): 2
Priority: Medium

Z

Done
FED cost analysis

Log Time (hrs): 2
Priority: Medium

SZ

Done
FED benefit analysis and roi analysis

Log Time (hrs): 4
Priority: High

SZ
SSAD technology specific design and design rationale

SSAD UML use case diagrams

SSAD UML class diagrams for actors

Sprint 5 [10/12/20 - 10/18/20]

Submit Bi-Weekly Report

OCD Write Introduction

SSAD architectural design patterns

FED complete capability feasibility

Submit Artifacts to website before ARB meeting
To Do
OCD element relationship diagram
Priority: Medium

To Do
FED feasibility assessment
Priority: Medium

In Progress
Quality Focal Point Slides
Priority: High

Sprint 6 [10/19/20 - 10/25/20]

To Do
LCP
Oct 23
L

To Do
SSAD
Oct 23
CW

To Do
Submit OCD
JD

To Do
FED
Oct 23
JD

Create coding style guidelines

Development Environment Overview
CW
SZ
Sprint 7 [10/26/20 - 11/1/20]

- OC1: WC-187 Implementation
- OC1: WC-188 Implementation
- OC1: WC-189 Implementation


- OC1: WC-187 Test
- OC1: WC-188 Test
- OC1: WC-189 Test