

Construction Iteration 3 (C3) - 9 August 2021

Key Milestones

Milestone	Date
DCS presentation (preparing content and solution)	NA (presentation 3-Sep-2021)
Complete all image annotations (mostly complete already)	Iteration end date 22-Aug-2021
Alpha UAT	Iteration end date 22-Aug-2021 (sooner the better)
Beta UAT prepared and sent off to DCS with basic instructions	Iteration end date 22-Aug-2021

High level objectives

1. **Initial Operation Capability Milestone (IOCM)** - Working towards completing the following major objectives to both fulfill subject requirements and progress the end product towards a completed and semi to fully refined system.

A 'beta ready' Implementation Model of the final application. (40 marks)

A Test Model that:

demonstrates successful completion of 'alpha' stage user acceptance testing. (10 marks)

supports user acceptance testing during beta. (20 marks)

A User Manual that will support end users during beta testing. (20 marks)

A Project Status Assessment. (10 marks)

Mainly working on the testing and beta production. Manual and project assessment to follow in the next iteration. Doing so for both the clustering and AWS semantic segmentation pipelines.

2. **Alpha UAT (User acceptance testing of the alpha ready project ready for handover as a beta ready product (UAT testing by DCS)**

3. **General Documentation** - Mixed, HLRs and internal documentation regarding IOCM. This also includes issue management in Jira.

Evaluation Criteria

How will we determine if the high level objectives are achieved.

1. **Initial Operation Capability Milestone (IOCM)** - Jira issues are completed and solution is progressed and refined as per the Alpha UAT.

2. **Alpha UAT (User acceptance testing of the alpha ready project ready for handover as a beta ready product (UAT testing by DCS)** - No major bugs found internally by G5 in UAT, ready for handover as beta. Need to decide if this can be done for both pipelines.

3. **General Documentation** - NA, ongoing. Specifically related to milestones in major assessments and stakeholder meetings.









Work Item assignments

The following Work Items will be addressed in this iteration:

Jira

Current as of 16 August 2021 (later additions may be made)

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution	Description
FEAII-96	Update PMAS, IOCM on wiki		Wednesday 11:31 AM	Yesterday 11:19 AM	22/Aug/21	Darren Sheehan	Patrick Funnell	=	IN PROGRESS	Unresolved	
FEAII-95	Compile iteration plan		Wednesday 11:15 AM	Today 10:29 AM	22/Aug/21	Patrick Funnell	Patrick Funnell	=	DONE	Done	
FEAII-94	Alpha phase UAT (Bug checking, etc - Internal)		Wednesday 11:06	Wednesday 11:08	22/Aug/21	Patrick Funnell	Patrick Funnell	=	TO DO	Unresolved	

			AM	AM							
FEAll-93	Finish off image annotations Darren		Wednesday 11:01 AM	Yesterday 4:07 AM	22/Aug/21	Darren Sheehan	Patrick Funnell	=	DONE	Done	
FEAll-92	Finish off image annotations Cam		Wednesday 11:00 AM	Wednesday 11:02 AM	22/Aug/21	Cam	Patrick Funnell	=	IN PROGRESS	Unresolved	
FEAll-91	Finish off Image annotations Pat		Wednesday 11:00 AM	Saturday 10:49 AM	22/Aug/21	Patrick Funnell	Patrick Funnell	=	DONE	Done	
FEAll-90	A completed end to end working model for AWS semantic segmentation (For UAT purposes)		Wednesday 10:51 AM	Wednesday 10:53 AM	22/Aug/21	Andrew Smith	Patrick Funnell	=	IN PROGRESS	Unresolved	
FEAll-89	Masks completed (drawn based on JSON converter)		Wednesday 10:50 AM	Wednesday 10:53 AM	22/Aug/21	Cam	Patrick Funnell	=	IN PROGRESS	Unresolved	
FEAll-88	UAT GMM intro		Wednesday 10:46 AM	Wednesday 10:53 AM	22/Aug/21	Patrick Funnell	Patrick Funnell	=	TO DO	Unresolved	1. GMM model in GIT, can get some UAT going with HD CS stakeholders.
FEAll-32	Test Model		21/Jul/21 10:17 AM	Yesterday 10:20 AM	22/Aug/21	Darren Sheehan	Patrick Funnell	=	IN PROGRESS	Unresolved	
FEAll-31	Beta Ready Implementation Model of the Final Application		21/Jul/21 10:17 AM	Yesterday 12:59 PM	22/Aug/21	ablewitt	Patrick Funnell	>	IN PROGRESS	Unresolved	

11 issues

Other

ID	Name / keywords of desc.	Outcome	State	Assigned to	Hrs Est.	Hrs Act.	Hrs Left
1							
2							
3							
4							

5							
6							
7							
8							

Risks to be resolved within this iteration

Risk	Status	Notes
NA		

Issues to be resolved within this iteration

Issue Index	Issues	Status	Notes
FEAll-79	System able to run on windows, confirm whether this is a firm requirement.	In progress	Relates to Jira issue: https://aerial-imagery-initiative-g5.atlassian.net/browse/FEAll-79

Assessment

Assessment target	IOCM (progression in this iteration, not resolution)
Assessment date	6-September-2021
Participants	G5 (All)
Project status	Over 50% progressing strongly towards showcase and semi-refined algorithmic pipelines.

- Assessment against objectives
- Work Items: Planned compared to actually completed
- Assessment against Evaluation Criteria Test results
- Other concerns and deviations