**Feature Extraction,**

**Aerial Imagery Initiative**

Department of Customer Service, Spatial Services

# Iteration Plan 3 (LCAM)

## Key Milestones

|  |  |
| --- | --- |
| Milestone | Date |
| Iteration Start | 10/05/21 |
| Organise meetings with James | TBA |
| Work on OpenCV/SageMaker | 21/05/21 |
| Work on LCAM documents | 21/05/21 |
| Basic review of LCAM documents / progress | 21/05/21 |
| Iteration End | 21/05/21 |

Iteration compiled by all of team 5.

## High level objectives

1. A **Revised Project Vision** - which spells out the core idea and the business case justifying the development effort.
2. An **Revised Requirement Model** - which identifies and defines the final scope of the intended software.
3. A **Final Architecture** - which indicates how you are actually going to achieve the functional and non-functional requirements set out in your Vision and supporting Requirement Model.
4. A **Updated Risk List** - maintaining the risk list and updating / adding risks as they are discovered / resolved.
5. An **Executable Architecture** - further development of knowledge and ability within SageMaker and Jupyter Notebooks. This training is completed in conjunction with Intillify / Nikzad.
6. A **Revised Project Plan** - which indicates in detail how you are going to implement and schedule the rest of the project with information gathered from meeting with James from intellify and their project documents.
7. An **Elaboration Phase Status Assessment** - which assesses your project progress against the overall aims of the project, and against the specific aims of the Elaboration Phase (which is stated above). **Darren**

## Evaluation Criteria

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

1. **Revised Project Vision** - Updated to represent the clearer picture of the project
2. **Revised Requirement Model** - Added any new requirements discovered when meeting with Intellify and throughout the phase.
3. **Final Architecture** - Documents describes solutions that fulfill Functional and Nonfunctional Requirements discovered in this phase
4. **Updated Risk List** - Both the internal risk list and project specific risk list will be well populated with risks and issues as well as solutions to these.
5. **Executable Architecture** - Develop a notebook that is able to identify and extract and flood extent from an image.
6. Revised Project Plan - Project plan is completed and accepted by DCS
7. **Elaboration Phase Status Assessment** - The overall status of the project and the outcomes of the Elaboration phase are easily understood.

## Work Item assignments

The following Work Items will be addressed in this iteration:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ID | Name / keywords of desc. | Outcome | State | Assigned to | Hrs Est. | Hrs Act. | Hrs Left |
| 1 | Revised Project Vision | Document updated |  | Andrew |  |  |  |
| 2 | Revised Requirement Model | Document updated |  | Adam |  |  |  |
| 3 | Final Architecture | Document updated |  | Pat | 4-6 | TBA | TBA |
| 4 | Updated Risk Lisk | Document updated |  | everyone |  |  |  |
| 5 | Revised Project Plan | Document updated |  | Cam |  |  |  |
| 6 | Executable Architecture | Jupyter Notebook instance containing Python code for image processing |  | everyone |  |  |  |
| 7 | Elaboration Phase Status Assessment | Document created |  | Darren |  |  |  |
| 8 | Revised Master Test Plan | Document updated |  | Darren |  |  |  |

## 

## Risks to be resolved within this iteration

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| --- | --- | --- |
| Risk | Status | Notes |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Issues to be resolved within this iteration

|  |  |  |  |
| --- | --- | --- | --- |
| Risk List Index | Issues | Status | Notes |
| Team\_5\_Internal\_Risk\_Tracking\_Log → ID: 14 | Team charter related issues involving non-performance. | Initiated | Darren to follow up in a few days with the involved team member. |
|  |  |  |  |

## Assessment

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| --- | --- |
| Assessment target | Complete LCAM documentation |
| Assessment date | 07/07/21 |
| Participants | All Internal (G5) |
| Project status | Planning and early development, LCOM |

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