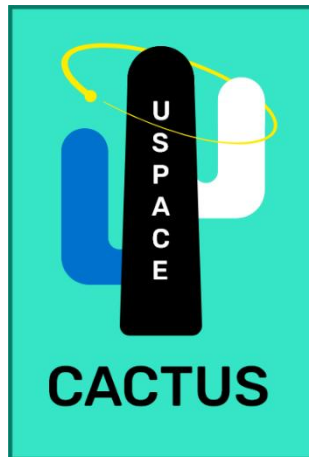


Development of an Unmanned Aerospace Test Site U-space Sandbox

Project CACTUS



Requirements and Schedule Review

May 31, 2023

Prepared by: ANRA Technologies

1. Introduction

ANRA Technologies, Inc. (ANRA), in partnership with the Tartu Science Park Foundation (TSP) are pleased to submit this document in support of the Development of an Unmanned Aerospace Test Site (U-space Sandbox). The project is called CACTUS, an acronym for “Competent Authority Coordinating Testing in U-space Sandbox.” This document satisfies Deliverable 1.3 (Requirements and Schedule Review).

2. Background

The Requirements and Schedule Review document identifies the objectives, parts, volume and schedule of the procurement, and how they are satisfied by each deliverable in CACTUS. The procurement consists of two parts, Part 1 and Part 2. Each Part has its own objectives and expected results. Part 1 is related to the ‘conceptual’ part of the U-space sandbox (overview of the requirements for its set-up, design, feasibility, associated use cases) and roadmap for its implementation and management. Part 2 is related to the requirements validation and its technical implementation (technical performance and operational requirements validation, procedures and use cases demonstration).

3. Schedule View

The CACTUS project plan is defined to run between May and September, 2023. The project plan is defined through Work Packages and associated tasks which in many cases will run in parallel. The adoption of this agile process will allow to perform the tasks in duly time, ensure an efficient coordination process between the different stakeholders and iterate, as necessary, the overall activities.

Part 1 includes 3 different Work Packages:

- WP1 - Project Planning
- WP2 - Concept and Roadmap Development
- WP3 - Design Solution

Part 2 includes 3 different Work Packages:

- WP4 - Build and Configure Solution
- WP5 - Deploy and Test Solution
- WP6 - Training

WP1 is the first Work Package to be completed, and it includes tasks related to overall project overview, RACI Matrix, Requirements and Schedule Review.

Subsequently, WP2, WP3 and WP4 will run in parallel, and completed by the end of August.

Finally WP5 and WP6 will be finalized towards the end of the project timeline.

Figure 1 identifies the project plan of the Part 1. Figure 2 identifies the project plan of the Part 2.

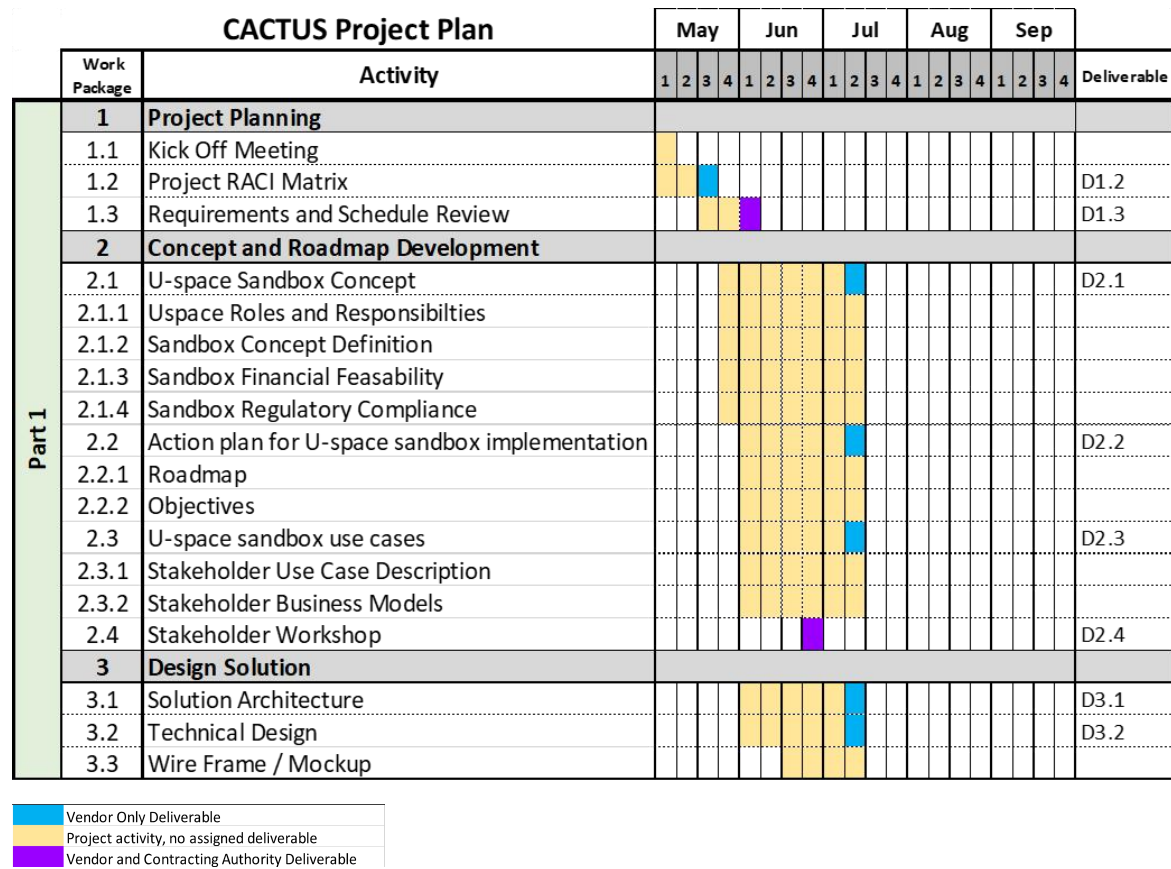


Figure 1 - Part 1 Project Plan

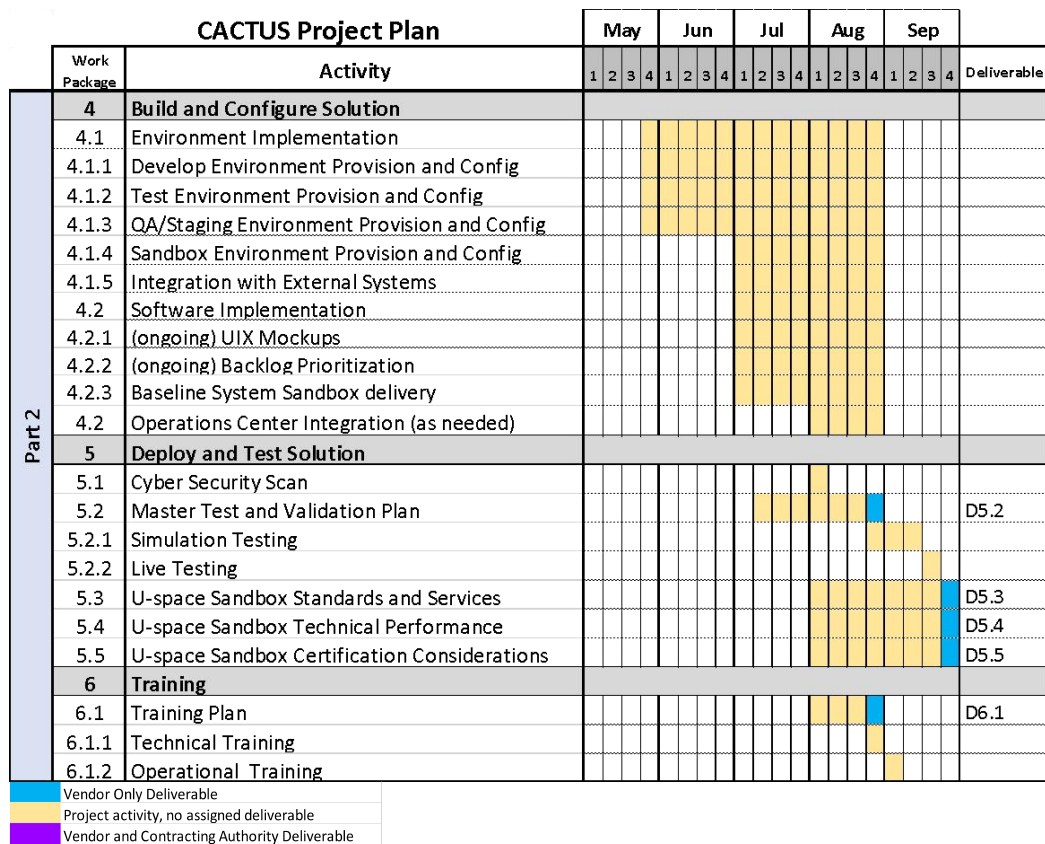


Figure 2 - Part 2 Project Plan

4. Requirements View

The following spreadsheet provides an overview of the requirements of both Part 1 and Part 2, and what are the associated deliverables where the requirements will be satisfied.



Requirements and
Schedule Review_0