Supplier Sytems Engineering Course; Assignments

by Gerrit Muller USN-SE

e-mail: gaudisite@gmail.com

www.gaudisite.nl

Abstract

This course focuses on systems engineering in companies that are supplying to an OEM company. The assignments use a case and guide the participants through the V-Model for that case.

Distribution

This article or presentation is written as part of the Gaudí project. The Gaudí project philosophy is to improve by obtaining frequent feedback. Frequent feedback is pursued by an open creation process. This document is published as intermediate or nearly mature version to get feedback. Further distribution is allowed as long as the document remains complete and unchanged.

January 23, 2022 status: preliminary draft version: 0



Discuss the Project Overview

What are the most relevant project goals?

Sketch the project master plan (the main milestones and their timing)



version: 0 January 23, 2022 SSECAcaseIntro Identify ~10 stakeholders of the project

Determine per stakeholder their ~3 main concerns

sales manager	price, margin, value proposition
purchaser	purchasing price, delivery date
project leader	delivery date, resources, budget
developer	
integrator	
operator	
maintainer	



Breakdown



Version: 0 January 23, 2022 SSECAbreakdown



Functional Analysis





Technical Budget



Version: 0 January 23, 2022 SSECAbudget





Version: 0 January 23, 2022 SSECAverification





Version: 0 January 23, 2022 SSECAintegration



Manufacturing and FAT



Transportation, Installation, and SAT





Case Presentation

Make a presentation for the Project Team to explain

- project overview
- master plan
- design
- verification & integration
- life cycle 0



version: 0 January 23, 2022 SSECApresentation

