

SafeStreets

Design Document

Giancarlo Danese - 945265 Davide Savoldelli - 928676

 $A.Y.\ 2019/2020$ - Prof. Di Nitto Elisabetta

Contents

1	INT	CRODUCTION	5	
	1.1	Purpose	5	
	1.2	Scope	5	
	1.3	Definitions, Acronyms, Abbreviations	5	
	1.4	Revision History	5	
	1.5	Reference Documents	5	
	1.6	Document Structure	5	
2	ARCHITECTURAL DESIGN 5			
	2.1	Overview: High-level components and their interaction	5	
	2.2	Component view	5	
	2.3	Deployment view	5	
	2.4	Runtime view: You can use sequence diagrams to describe the		
		way components interact to accomplish specific tasks typically		
	~ ~	related to your use cases	5	
	2.5	Component interfaces	5	
	2.6	Selected architectural styles and patterns: Please explain which	E	
	2.7	styles/patterns you used, why, and how	5 5	
	2.1	Other design decisions	J	
3	USER INTERFACE DESIGN: Provide an overview on how the user interface(s) of your system will look like; if you have included this part in the RASD, you can simply refer to what you have already done, possibly, providing here some extensions if applicable.		5	
4	REQUIREMENTS TRACEABILITY: Explain how the re-			
		quirements you have defined in the RASD map to the design		
			5	
5	IMI	PLEMENTATION, INTEGRATION AND TEST PLAN:		
•	Identify here the order in which you plan to implement the subcomponents of your system and the order in which you			
	PIUL	to integrate such subcomponents and test the integra-		
	tion	n to integrate such subcomponents and test the integra-	5	
6	tion	-	5 5	

1 INTRODUCTION

- 1.1 Purpose
- 1.2 Scope
- 1.3 Definitions, Acronyms, Abbreviations
- 1.4 Revision History
- 1.5 Reference Documents
- 1.6 Document Structure

2 ARCHITECTURAL DESIGN

- 2.1 Overview: High-level components and their interaction
- 2.2 Component view
- 2.3 Deployment view
- 2.4 Runtime view: You can use sequence diagrams to describe the way components interact to accomplish specific tasks typically related to your use cases
- 2.5 Component interfaces
- 2.6 Selected architectural styles and patterns: Please explain which styles/patterns you used, why, and how
- 2.7 Other design decisions
- 3 USER INTERFACE DESIGN: Provide an overview on how the user interface(s) of your system will look like; if you have included this part in the RASD, you can simply refer to what you have already done, possibly, providing here some extensions if applicable.
- 4 REQUIREMENTS TRACEABILITY: Explain how the requirements you have de-