## **Table of Contents**

CHAPTER 1.	OVERVIEW	14
1.1 AGILE QU	JALITY	14
1.2 OVERVIE	N OF THE PROCESS	15
CHAPTER 2.	AUDIENCE	19
2.1 BUSINESS	ANALYST ROLE ON A SCRUM PROJECT	20
2.2 BOOK STI	RUCTURE	21
CHAPTER 3.	QUALITY	22
3.1 THE IMPA	CT OF QUALITY	23
3.2 How To	Measure Quality	24
3.2.1 Spe	cify The 'ilities'	24
3.2.1.1	Architecture	25
	Operation	
	Quality Assurance Testing	
	Deployment	
	Activities	
	it Accurate Requirements	
	view Requirements	
3.3.3 Pro	totype The Requirements	27
3.3.4 Rev	riew Acceptance Criteria	27
3.3.5 Rev	riew Code, Design And Architecture	27
3.3.6 Sta	ndardize The User Interface	28
	ld A Software Architecture That Will Last	
	t Units And Interfaces	
	ression Test The Product	
_	erform User Acceptance Testing	
	eview Stakeholder Documentation	
CHAPTER 4.	ROLES AND RESPONSIBILITIES	
4.1 ACTORS		
	OMER	
	OIVIER	
	iness Analyst	
	Quality Attributes	
	oloyment Manager	
	Quality Attributes	
	velopment Team	
	Quality Attributes	
	duct Owner	
	Quality Attributes	
	ality Assurance	
	Quality Attributes	
	ution Architect	
4.3.6.1	Quality Attributes	36

4.3.7 UI D	esigner	36
	Quality Attributes	
4.3.8 Writ	er	37
4.3.8.1	Quality Attributes	37
4.4 How Do T	These Roles Work Together	38
4.5 CONFLICTS	OF INTEREST	38
4.6 DEVELOPM	MENT CYCLES	39
4.7 FLOW OF I	NFORMATION	40
CHAPTER 5.	INTRODUCTION TO THE PROCESS	43
5.1 SCRUM PR	OCESS FRAMEWORK	44
5.1.1 Activ	vities	46
5.1.2 Artif	facts	46
5.2 А Соммо	N SCRUM PROCESS	47
5.2.1 Activ	vities	48
5.2.2 Artif	facts	49
5.3 QUALITY V	VITH AGILE PROCESS	49
5.3.1 Activ	vities	50
5.3.2 Artif	facts	51
5.4 DEFECTS		52
5.5 KANBAN		53
CHAPTER 6.	ARTIFACTS AND REPOSITORIES	55
6 1 RUSINESS I	NEED	55
	NEEU	
	Backlog	
	DICKLOG	
	ness Use Case	
	em Use Caseem	
•	RY	
	ce Criteria	
	IENT	
	ness View	
	tional View	
3	(OI VIPW	
	cal Viewlovment View	66
•	loyment View	
6.9 SPRINT BA	loyment View	67
6.9 SPRINT BA 6.10 USER INT	loyment View CKLOG 'ERFACE DESIGN	67 67
6.9 SPRINT BA 6.10 USER INT 6.11 ARCHITEC	CKLOGERFACE DESIGNCTURE	67 67 68
6.9 SPRINT BA 6.10 USER INT 6.11 ARCHITEC 6.12 TEST CAS	CKLOG CERFACE DESIGN CTURE	67 67 68
6.9 SPRINT BA 6.10 USER INT 6.11 ARCHITEC 6.12 TEST CAS 6.13 INCREME	CKLOGERFACE DESIGNCTURE	67 68 68
6.9 SPRINT BAI 6.10 USER INT 6.11 ARCHITEC 6.12 TEST CAS 6.13 INCREME 6.14 RELEASE.	loyment View	
6.9 SPRINT BAI 6.10 USER INT 6.11 ARCHITEC 6.12 TEST CAS 6.13 INCREME 6.14 RELEASE. 6.15 USER INS	CKLOGCTURE  INTAL BUILD	
6.9 SPRINT BA 6.10 USER INT 6.11 ARCHITEC 6.12 TEST CAS 6.13 INCREME 6.14 RELEASE. 6.15 USER INS	loyment View	

7.2 QUALITY T	HROUGH PICTURES ACTIVITIES	72
7.3 THE EXAM	IPLE PROJECT	73
7.3.1 As-Is	s System	73
7.3.2 To-E	Be System	<i>75</i>
7.4 ACTIVITY [	DETAILS	76
7.4.1 Elici	t Business Needs	76
7.4.1.1	Elicitation	78
7.4.1.2	Elicit Business Needs Example	79
7.4.1.3	Summary	100
7.4.2 Gro	om Backlog	102
7.4.2.1	Example	104
	Summary	
	ntain Requirements	
	Logical View	
	Example Logical View	
	Traceability	
	Summary	
	ign Architecture	
	Design Architecture Example	
	Summary	
	ne User ExperienceProcess Customer Payment Example	
	Summary	
	Sprint	
	elop Sprint	
	iew Sprint	
	rn Lessons From Sprint	
	st Build	
	L Test Case Example	
	2 Summary	
	ploy Build	
	cument Release	
	ld Daily Scrum	
7.4.15 110		
CHAPTER 8.	SCALED AGILE FRAMEWORK	139
8.1 SAFE OVE	RVIEW	139
8.1.1 SAF	e Backlogs	140
	D LEVEL	
	25	
	facts	
-	LUTION LEVEL	
	25	
	facts	
-	LEVEL	
	25	
	facts	
•	EL	
	25	
0.0.1 11010	<i>⇒</i>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

8.5.2 Artifacts	148
8.6 SAFE ACTIVITIES	148
8.6.1 Program Level	149
8.6.1.1 Plan PI (Product Increment)	. 149
8.6.1.2 Manage Program Backlog	. 150
8.6.1.3 Identify Features	
8.6.1.4 Perform Continuous Product Delivery	. 150
8.6.1.5 Hold PI (Product Increment) System Demo	
8.6.1.6 Create Enablers	. 151
8.6.1.7 Perform Innovation Plan Iteration	. 152
8.6.2 Large Solution Level	152
8.6.2.1 Plan Solution Increment	. 152
8.6.2.2 Manage Solution Backlog	. 152
8.6.2.3 Identify Capabilities	
8.6.2.4 Create Enablers	. 154
8.6.2.5 Perform Continuous Solution Delivery	. 154
8.6.2.6 Hold Solution Demo	. 154
8.6.3 Portfolio Level	155
8.6.3.1 Manage Portfolio Backlog	
8.6.3.2 Make Portfolio Canvas	
8.6.3.3 Create Enablers	
8.7 How The Quality through Pictures Process Maps To SAFe	156
8.7.1 Artifacts	
8.7.1.1 Acceptance Criteria	
8.7.1.2 Backlogs	
8.7.1.3 Defects	
8.7.1.4 Business Use Case	
8.7.1.5 Epic	
8.7.1.6 Model	
8.7.1.7 Need	
8.7.1.8 Product Release	. 161
8.7.1.9 System Use Case	. 161
8.7.1.10 Test Case	. 162
8.7.1.11 User Instructions	. 162
8.7.1.12 User Interface Design	. 162
8.7.2 Roles	163
8.7.2.1 Business Analyst	. 163
8.7.2.2 Deployment Manager	. 164
8.7.2.3 Product Owner	. 164
8.7.2.4 Quality Assurance team	. 164
8.7.2.5 Solution Architect	
8.7.2.6 UX Designer	
8.7.2.7 Writer	. 165
8.7.3 Activities	166
8.7.3.1 Elicit Business Needs	. 166
8.7.3.2 Groom Backlog	
8.7.3.3 Maintain Requirements	
8.7.3.4 Design Architecture	
8.7.3.5 Define User Experience	
8.7.3.6 Plan Sprint	
8.7.3.7 Develop Sprint	. 168

	Review Sprint	
	earn Lessons From Sprint	
	Test Build	
	Deploy Build	
	Hold Daily Scrum	
	Tiold Bally Scrain	
CHAPTER 9.	LEAN	
Q 1 INVENTORY	(	171
	DUCTION	
	CESSING	
	TATION	
	ALENT	
	TELNI .	
•		
	DER	_
9.11 STANDAR	DIZE	175
9.12 SUSTAIN		175
CHAPTER 10.	IMPLEMENTING THE PROCESS	176
CHAPTER 11.	SUMMARY OF THE PROCESS	180
11.1 OVERVIEV	N OF THE PROCESS	180
11.2 BENEFITS	OF THE PROCESS	183
11.3 Costs As	SSOCIATED WITH ADOPTION	185
11.4 THE AGILI	E Manifesto	186
11.5 TESTING		189
11.6 IMPACTS	TO THE BUSINESS ANALYST	190
APPENDIX A -	DIAGRAM NOTATION	193
APPENDIX B -	EXAMPLE OF THE PROCESS	206