
Contents

FOREWORD	vii
Jean-Michel PORTUGAL and Claude DALOZ	
CHAPTER 1. INTRODUCTION	1
CHAPTER 2. INTRODUCTION TO THE METHODS EMPLOYED	5
2.1. The agile method – Scrum	5
2.1.1. Fundamental elements of agile methods	5
2.1.2. Scrum method	7
2.1.3. Scrum method as a framework for the User-Centered Agile method.	12
2.2. User-Centered Design method.	14
2.3. User testing method	17
CHAPTER 3. SOURCES FOR THIS WORK	21
3.1. State of the art	21
3.1.1. Existing models	23
3.1.2. Recurring elements between feedback reports	29
3.2. Feedback on application of the first version of the UCA method	36
3.3. Elements retained for the construction of the UCA method	38
CHAPTER 4. DESCRIPTION OF THE USER-CENTERED AGILE METHOD	41
4.1. Roles present	42
4.2. Ceremonies	43
4.3. Artifacts	44
4.4. Progression of the method	48

4.4.1. Phase 1: design of a global view of the product	48
4.4.2. Phase 2: development	58
4.4.3. Phase 3: validation	79
4.5. Implication of the method in terms of workload	80
4.5.1. Phase 1: design of a global view of the product	80
4.5.2. Phase 2: development	81
4.5.3. Phase 3: validation	82
CHAPTER 5. CASE STUDIES	85
5.1. Application of the User-Centered Agile method on the <i>Cat's Eyes</i> project	85
5.1.1. Overview of the project	85
5.1.2. Actors involved in the project and their roles	87
5.1.3. Description of the progression of the project.	88
5.1.4. Feedback relating to the method	93
5.2. Application of the User-Centered Agile method on the <i>Bind</i> project	95
5.2.1. Overview of the project	95
5.2.2. Actors involved in the project and their roles	97
5.2.3. Description of the progression of the project.	98
5.2.4. Feedback relating to the method	102
5.3. Balanced evaluation of the case studies	104
CONCLUSION	107
BIBLIOGRAPHY	109
INDEX	115