Software Patterns – Pattern Based Design

${\bf Public Transport}$

Version 0.1

2010-2011

Professor: Paris Avgeriou

Coach:

Group 3:Samuel Esposito

Alexander Bograd Grayson Kleine

Revision History

Date	Version	Description	Author
18-11-2010	0.1	Initial template	Samuel Esposito

Software Patterns 2010-11-18 Page 2 of 10

Table of Contents

1.	Syste	em Overview	4
	1.1	Context (Initial Draft)	4
	1.2	Stakeholder Concerns (Initial Draft)	4
	1.3	Key drivers (Initial Draft)	4
2.	Requ	uirements	5
	2.1	Functional Requirements (Initial Draft)	5
	2.2	Non-Functional Requirements (Initial Draft)	5
3.	Anal	ysis	6
	3.1	Architectural Decisions (Initial Draft)	6
4.	Softv	ware Architecture	7
5.	Valid	dation and Verification	8
Ref	erence	25	9
Арр	endix	A: Changes per Deliverable and Person	10

Software Patterns 2010-11-18 Page 3 of 10

Software Patterns – PublicTransport

1. System Overview					
1.1 Context (Initial Draft)					
1.2 Stakeholder Co	1.2 Stakeholder Concerns (Initial Draft)				
Stakeholder	Concern	Concern Prioritization	C-	takeholder	
Stakenoidei	Concern	Concern Frioritization		rioritization	
Stakenoidei	Concern	Concern Thomasacton			
Stakenoluei	Concern	Concern Thomasacton			
Stakenoluei	Concern	Concern Thomasaction			
1.3 Key drivers (Ini		Concern i noritization			
	tial Draft)	Rationale			
1.3 Key drivers (Ini	tial Draft)			rioritization	

Software Patterns 2010-11-18 Page 4 of 10

2. Requirements

2.1 Functional Requirements (Initial Draft)

ID	UC	Requirement	Rationale	Priority
F1.1				
F1.2				
F1.3				
F1.4				
F1.5				
F1.6				

2.2 Non-Functional Requirements (Initial Draft)

ID	Requirement	Priority (+Key Driver)
NFR01		
NFR 02		

Software Patterns 2010-11-18 Page 5 of 10

- 3. Analysis
- 3.1 Architectural Decisions (Initial Draft)

Software Patterns 2010-11-18 Page 6 of 10

4. Software Architecture

Software Patterns 2010-11-18 Page 7 of 10

5. Validation and Verification

Software Patterns 2010-11-18 Page 8 of 10

References

- [1] [2] [3]

2010-11-18 Page 9 of 10 Software Patterns

Appendix A: Changes per Deliverable and Person

Deliverable	Chapter or Section (or meeting)	Change (or meeting date)	Time Spent (minutes)	Person
	Group Meeting	18-11-2010	45	Samuel Esposito
	Group Meeting	18-11-2010	45	Alexander Bograd
	Group Meeting	18-11-2010	45	Grayson Kleine
	Initial document	Setup initial project	60	Samuel Esposito
		document		

Software Patterns 2010-11-18 Page 10 of 10