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COS 731 – Assignment 1

Bellissimo Project Plan Phase 1

Task	Estimate	Actual Hours Spent			
		Resources	Documenting	Coding	Total
Bellissimo Investigation	24 hours	7	4	-	11
Requirements Analysis	24 hours	5	3	-	8
SRS Document	48 hours	-	-	-	31
Functional Requirements	8 hours	2	4	-	6
Use Cases	15 hours	2	10	-	12
Traceability	2 hours	1	1	-	2
Other (Intro, BG, Scope etc.)	3 hours	1	1		2
Non-Functional Requirements	8 hours	2	3	-	5
Systems Analysis (Memory, Hardware, Performance etc.)	5 hours	1	3	-	4
Architectural Document	48 hours	-	-	-	20.5
System	18 hours	-	-	-	10.5
Back-end	12 hours	3	4	-	7
Front-end	6 hours	1	2.5	-	3.5
Services	24 hours	-	6	-	6
Technologies	6 hours	2	2	-	4
Setting up code environment	36 hours	-	-	-	16
Git Repository	4 hours	2	-	1	3
Angular2 & HTML	6 hours	1	-	1	2
Spring Cloud	8 hours	1	-	2	3
Netflix OSS	10 hours	3	-	2	5
Database Setup (PostgreSQL)	8 hours	2	-	1	3
Code Skeleton	22 hours	-	-	-	12.5
Interfaces	8 hours	-	1	3	4
Mock Objects	8 hours	-	-	2	2
Unit Tests	6 hours	1	0.5	5	6.5
Coding services	65 hours	-	-	-	46
Users	5 hours	2	1	6	9
Products	10 hours	5	1	8	13
Promotions	10 hours	1	1	2	4
ViewingCatalogues	15 hours	3	2	6	11
MaintainingCatalogues	15 hours	-	2	5	7
Testing	24 hours	-	-	2	2

Bellissimo Project Plan Phase 2

		Actual Hours Spent			
Task	Estimate	Resources	Documenting	Coding	Total
Requirements Analysis	5 hours				
Update SRS Document	25 hours	-	-	-	
Functional Requirements	3 hours				
Use Cases	22 hours				
Register User	2 hours				
View User Profile	2 hours				
Update User Profile	2 hours				
View items in cart	2 hours				
Add items to cart	2 hours				
Remove items from cart	2 hours				
Checkout	2 hours				
Validate Payer	2 hours				
Accept Payment	2 hours				
Decline Payment	2 hours				
View Historical Sales	2 hours				
Non-Functional Requirements (if any)	2 hours				
Update Architectural Document	12 hours	-	-	-	
Users Subsystem	2 hours				
Cart Subsystem	3 hours				
Bank Subsystem	2 hours				
Shop Subsystem	2 hours				
Code Skeleton	3 hours	-	-	-	
Interfaces	1 hour				
Mock Objects	1 hour				
Unit Tests	1 hour				
Coding services	32 hours	-	-	-	
Extend Users Service	8 hours				
Cart Service	8 hours				
Bank Service	8 hours				
Sale Service	8 hours				
Testing	24 hours				