Task	Effort	Jun 2011	Jul 2011	Aug 2011
1) Code Style Documentation and Training	**9.5h**			
1.1) Choose coding style	1h	Architect		
1.2) Document coding style	0.5h	Architect		
1.3) Train team in Javadoc	4h	Architect; Developer A; Developer B		
1.4) Train team in Junit	4h	Architect; Developer A; Developer B		
2) Maven	**6h**			
2.1) Train domain expert	5h	Developer B		
2.2) Verify skeleton follows good practices	1h	Developer B		
3) Jenkins Integration	**1h**			
3.1) Contact Eday and arrange Jenkins building of skeleton	1h	Developer A		
4) User Documentation	**17h**			
4.1) Train Sphinx domain expert	6h	Developer B		
4.2) Contact Sponsor and determine how user documentation will be delievered	1h	Developer A		
4.3) Write narrative user documentation	10h			Developer B; Architect
5) Research and Design	**> 33h**			
5.1) Async Model	**11h**			
5.1.1) Research Async in Java	10h	Developer A; Architect		
5.1.2) Decide on Callback vs Futures	1h	Architect		
5.2) Server Communication	**> 10h**			
5.2.1) HTTP	**> 8h**			
5.2.1.1) Research HTTP Libraries	8h	Architect		
5.2.1.2) Select HTTP Library	> 0h	Architect		
5.2.2) JSON	**> 2h**			
5.2.2.1) Research JSON Libraries	2h	Developer B		
5.2.2.2) Select JSON Library	> 0h	Architect		
5.3) Design interface of blocking API	8h		Developer A	
5.4) Adapt blocking interface for Async use	4h		Architect	
6) Implementation and Code Documentation	**77h**			
6.1) Blocking API	**50h**			
6.1.1) Memory Backend	**12h**			
6.1.1.1) Implement Memory Backend	8h	Developer A		
6.1.1.2) Document Memory Backend	2h	Developer A		
6.1.1.3) Create Unit Tests for Memory Backend	2h	Developer A		
6.1.2) Implement Blocking Frontend	3h	Developer B		
6.1.3) Document Blocking Frontend	4h	Developer B		
6.1.4) Create Blocking Fronend Unit Test Suite	8h		Architect; Developer B	
6.1.5) Blocking HTTP Backend	**12h**			
6.1.5.1) Implement Blocking HTTP Backend	8h		Architect	
6.1.5.2) Document Blocking HTTP Backend	2h		Architect	
6.1.5.3) Create Unit Tests for Async HTTP Backend	2h		Developer A	
6.1.6) Extend Blocking Frontend to support HTTP	3h		Developer B	
6.1.7) Jenkins-Run Integration Tests for Blocking API	8h		Architect; Developer A	
6.2) Async API	**27h**			
6.2.1) Async HTTP Backend	**15h**			
6.2.1.1) Implement Async HTTP Backend	10h			Developer A
6.2.1.2) Document Async HTTP Backend	1h			Architect
6.2.1.3) Create Unit Tests for Async HTTP Backend	4h			Architect
6.2.2) Implement Async Frontend	2h			Developer B
6.2.3) Document Async Frontend	2h			Developer B
6.2.4) Adapt Test Suite to Async Frontend	8h			Developer A