

Task	Time estimate (hours)
Setup git repositories up	1
Search the documentation	2
Study doc and code	8
Prepare initial presentation	4
DEADLINE 0.5: 18.03.2016	15
Improve presentation	1
Presentation rehearsal	2
Write initial plan	4
DEADLINE 1: 27.03.2016	7
Understand which code is currently needed for Tomcat OpenSSL JSSE engine	10
Write the JNIs for OpenSSL and replace the ones from the APR	25
Remove all code related to the APR from tc-native	10
DEADLINE 2: 10.04.2016	45
Understand how Tomcat and Undertow use Java sockets and the JSSE SSL engine	10
Understand how the JSSE OpenSSL engine works in Tomcat and how it could work in Undertow	10
Adapt Tomcat-native to make it work both with Tomcat and Undertow	25
DEADLINE 3: 08.05.2016	45
Benchmark with Red Hat the resulting Tomcat-Native when used with Tomcat and Undertow	8
Implement support for the OpenSSL handshake callback	10
Implement support for large frames	4
Implement more security options for OpenSSL	15
DEADLINE 4: 29.05.2016	37
Write the report	10
Final presentation	10
DEADLINE 5: ~ 10.06.2016	20
TOTAL	169

NOTE: These estimates are just an approximation, and will probably change over time