

Task	Effort	Completed	Dependencies	Priority
● 1) RELEASE V0.5	< 92.75d	27.57%		
● 1.1) Finish Implementation	> 38d	49.84%		
● 1.1.1) Write Armoured Encryption	5d	100%		0
● 1.1.2) Write Use of Preferred Symmetric Algorithm	0.25d	0%		0
● 1.1.3) Write Use of Preferred Public Key Algorithm	0.25d	0%		0
● 1.1.4) Write Use of Preferred Hash Algorithm	0.25d	0%		0
● 1.1.5) Compression	5d	20%		0
● 1.1.6) Handling passphrase	1d	0%		0
● 1.1.7) Write Verification of document signatures	5d	100%		0
● 1.1.8) Write verification of V3 signatures	1d	0%		0
● 1.1.9) Hash algorithm != SHA1 in signatures	1d	0%		0
● 1.1.10) Unarmoured signatures	1d	100%		0
● 1.1.11) Fix: multiple packets encrypted with OPS can't be read by GPG	1d	100%		1
● 1.1.12) Integrate stream encryption	1d	0%		0
● 1.1.13) Triple-DES	1d	0%		0
● 1.1.14) Write creation of key pair	1d	0%		0
● 1.1.15) Write secret key checksum writer	1d	0%		0
● 1.1.16) Write file writer append	> 0d	0%		0
● 1.1.17) Signing Key pair	0.25d	0%		0
● 1.1.18) Command line app	2d	0%		0
● 1.1.19) Error handling	5d	20%		0
● 1.1.20) (NEW) Write Cleartext Signed document and verify	5d	100%		0
● 1.1.21) (NEW) Write detached signature and verify	1d	0%		0
● 1.2) Test Basic RSA	3d	0%		
● 1.3) Test Packet Types	0.75d	0%		
● 1.4) Test Functions	> 19.25d	11.92%		
● 1.4.1) Encrypt/Decrypt Document	3.25d	15.38%	1.3.1, 1.3.3, 1.3...	
● 1.4.1.1) CAST5	0.5d	100%	1.2.1.2.1	
● 1.4.1.2) AES128	> 0.25d	0%	1.2.1.2.2	
● 1.4.1.3) AES256	> 0.25d	0%	1.2.1.2.3	
● 1.4.1.4) Large files	1d	0%		0
● 1.4.1.5) Stream encryption	1d	0%		0
● 1.4.2) Sign/Verify Document	> 3d	29.75%		
● 1.4.2.1) Sign with V3 signature	> 0d	0%		0
● 1.4.2.2) Sign with V4 signature	< 0.5d	100%		0
● 1.4.2.3) Verify V3 signature	0.5d	0%	1.1.7	0
● 1.4.2.4) Verify V4 signature	0.5d	100%	1.1.7	0
● 1.4.2.5) Test all supported Hash Algorithms	0.5d	0%	1.1.4, 1.1.9	0
● 1.4.2.6) Large files	1d	0%		0
● 1.4.3) (NEW) Clearsign/Verify Document	> 3d	29.75%		
● 1.4.3.1) Sign with V3 signature	> 0d	0%		0
● 1.4.3.2) Sign with V4 signature	< 0.5d	100%		0
● 1.4.3.3) Verify V3 signature	0.5d	0%	1.1.7	0
● 1.4.3.4) Verify V4 signature	0.5d	100%	1.1.7	0
● 1.4.3.5) Test all supported Hash Algorithms	0.5d	0%	1.1.4, 1.1.9	0
● 1.4.3.6) Large files	1d	0%		0
● 1.4.4) Create Key Pair	1d	0%		0
● 1.4.5) Create Key Pair with passphrase	1d	0%		0
● 1.4.6) Sign/Verify Key	2d	0%	1.1.1, 1.1.4	
● 1.4.7) More Tests	6d	0%		
● 1.4.7.1) Multiple recipients for encryption	0.5d	0%		0
● 1.4.7.2) Signature options	0.5d	0%		0
● 1.4.7.3) Created Key Pair options	0.5d	0%		0
● 1.4.7.4) Use encrypt-only key for signing, etc	0.5d	0%		0
● 1.4.7.5) Compression	0.5d	0%		0
● 1.4.7.6) Encrypted and Signed	0.5d	0%		0
● 1.4.7.7) Good behaviour when algorithms not present e.g. IDEA	1d	0%		0
● 1.4.7.8) (NEW) Test behaviour when using revoked/expired key	1d	0%		0
● 1.4.7.9) (NEW) Test correct behaviour for binary/text files	1d	0%		0
● 1.5) Interoperability Tests	6.5d	65.38%		
● 1.5.1) Encrypt with GPG, Decrypt with OPS	> 1d	33.33%		
● 1.5.1.1) CAST5	> 0.25d	100%		
● 1.5.1.2) AES 128	> 0.25d	0%		
● 1.5.1.3) AES256	> 0.25d	0%		
● 1.5.2) Encrypt with OPS, Decrypt with GPG	> 1.25d	27.27%	1.1.11	
● 1.5.2.1) CAST5	> 0.25d	100%		
● 1.5.2.2) AES128	0.5d	0%		
● 1.5.2.3) AES256	0.5d	0%		
● 1.5.3) Sign with GPG, Verify with OPS (RSA/AES/SHA1)	1d	100%		
● 1.5.4) Sign with OPS, Verify with GPG (RSA/AES/SHA1)	2.5d	100%		
● 1.5.5) Create Key Pair with OPS, test with GPG	> 0d	0%		0
● 1.5.6) Create Key Pair with GPG, test with OPS	> 0d	0%		0
● 1.5.7) Sign Key with OPS, verify with GPG	> 0d	0%		0
● 1.5.8) Sign Key with GPG, verify with OPS	> 0d	0%		0
● 1.6) Contingency	20d	0%		0
● 1.7) Documentation	5d	0%		
● 1.7.1) man page for command line app	1d	0%	1.1.18	0
● 1.7.2) overview	4d	0%		0
● 1.8) RELEASE V0.5: Basic RSA functions complete (CAST5/AES128/AES256)...		0%	1.1, 1.5, 1.3, 1.4...	
● 2) FUTURE		0%	1.8	
● 2.1) Implement Easy API				
● 2.2) Document Easy API				
● 2.3) Package for Distributions		0%		
● 2.4) Graphical app				
● 2.5) Implement DSA				
● 2.6) Implement ElGamal				