| Task | Effort | Completed | Dependencies | Priority |
|---|---|---|---|---|
| ● **1) RELEASE V0.5** | **< 81d** | **2.81%** | | |
| ● **1.1) Finish Implementation** | **> 32d** | **3.11%** | | |
| ● 1.1.1) Write Armoured Encryption | 5d | 0% | | 0 |
| ● 1.1.2) Write Use of Preferred Symmetric… | 0.25d | 0% | | 0 |
| ● 1.1.3) Write Use of Preferred Public Key… | 0.25d | 0% | | 0 |
| ● 1.1.4) Write Use of Preferred Hash Algorithm | 0.25d | 0% | | 0 |
| ● 1.1.5) Compression | 5d | 0% | | 0 |
| ● 1.1.6) Handling passphrase | 1d | 0% | | 0 |
| ● 1.1.7) Write Verification of document… | 5d | 0% | | 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 | 0% | | 0 |
| ● 1.1.11) Fix: multiple packets encrypted with… | 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 | 0% | | 0 |
| ● **1.2) Test Basic RSA** | **3d** | **0%** | | |
| ● **1.3) Test Packet Types** | **0.75d** | **0%** | | |
| ● 1.3.1) Literal Data Text | | | | |
| ● 1.3.2) Literal Data Binary | | | | |
| ● 1.3.3) Modification Detection | | | | |
| ● 1.3.4) Symmetric Encrypted Integrity Protected | | | | |
| ● 1.3.5) Public Key Encrypted Session Key | | | | |
| ● 1.3.6) Compressed Data | 0.25d | 0% | | 0 |
| ● 1.3.7) Public Key packet | 0.25d | 0% | | 0 |
| ● 1.3.8) Secret Key Packet | 0.25d | 0% | | 0 |
| ● **1.4) Test Functions** | **> 14.25d** | **4.55%** | | |
| ● **1.4.1) Encrypt/Decrypt Document** | **3.25d** | **7.69%** | **1.3.1, 1.3.3, 1.3.…** | |
| ● **1.4.2) Sign/Verify Document** | **> 3d** | **13.22%** | | |
| ● 1.4.3) Create Key Pair | 1d | 0% | | 0 |
| ● 1.4.4) Create Key Pair with passphrase | 1d | 0% | | 0 |
| ● **1.4.5) Sign/Verify Key** | **2d** | **0%** | **1.1.1, 1.1.4** | |
| ● **1.4.6) More Tests** | **4d** | **0%** | | |
| ● **1.5) Interoperability Tests** | **5.75d** | **10.87%** | | |
| ● 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…** | | **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 | | | | |