

Behavioral Requirements

Entity: User

| Given | When | Then | Priority |
|------------------------|------------------------------|--|----------|
| Data of arbitrary size | I want it serialized | Data can be serialized into a series of QR Codes | High |
| | | A Page Number is generated | |
| | | A checksum will be generated | |
| | | Last 8 characters of data will be used as document identifier | |
| | | A Pdf is generated | |
| | I want asymmetric encryption | Data is serialized and encrypted | |
| | | Encryption key is generated | |
| | | A checksum is generated separately for the data and the key | |
| | | A Pdf is generated | |
| | I want sharded encryption | Data is serialized and encrypted | |
| | | Key shards are generated | |
| | | A checksum is generated separately for the data and the key shards | |
| | | A Page Number is generated | |
| | | A Pdf is generated | |