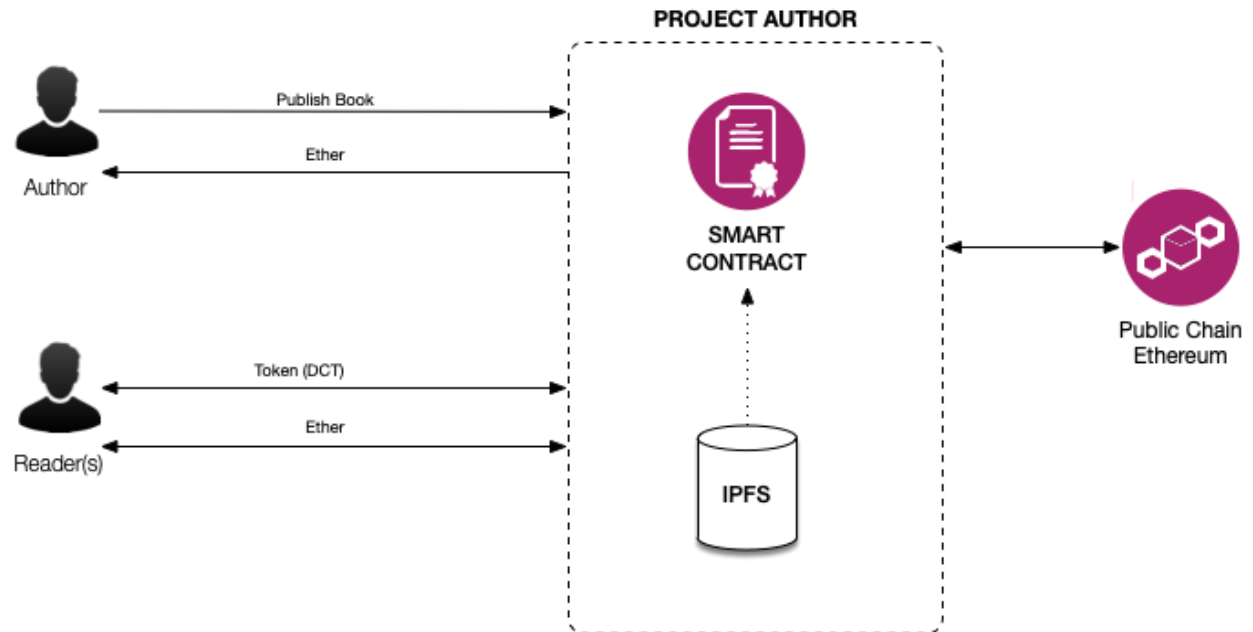
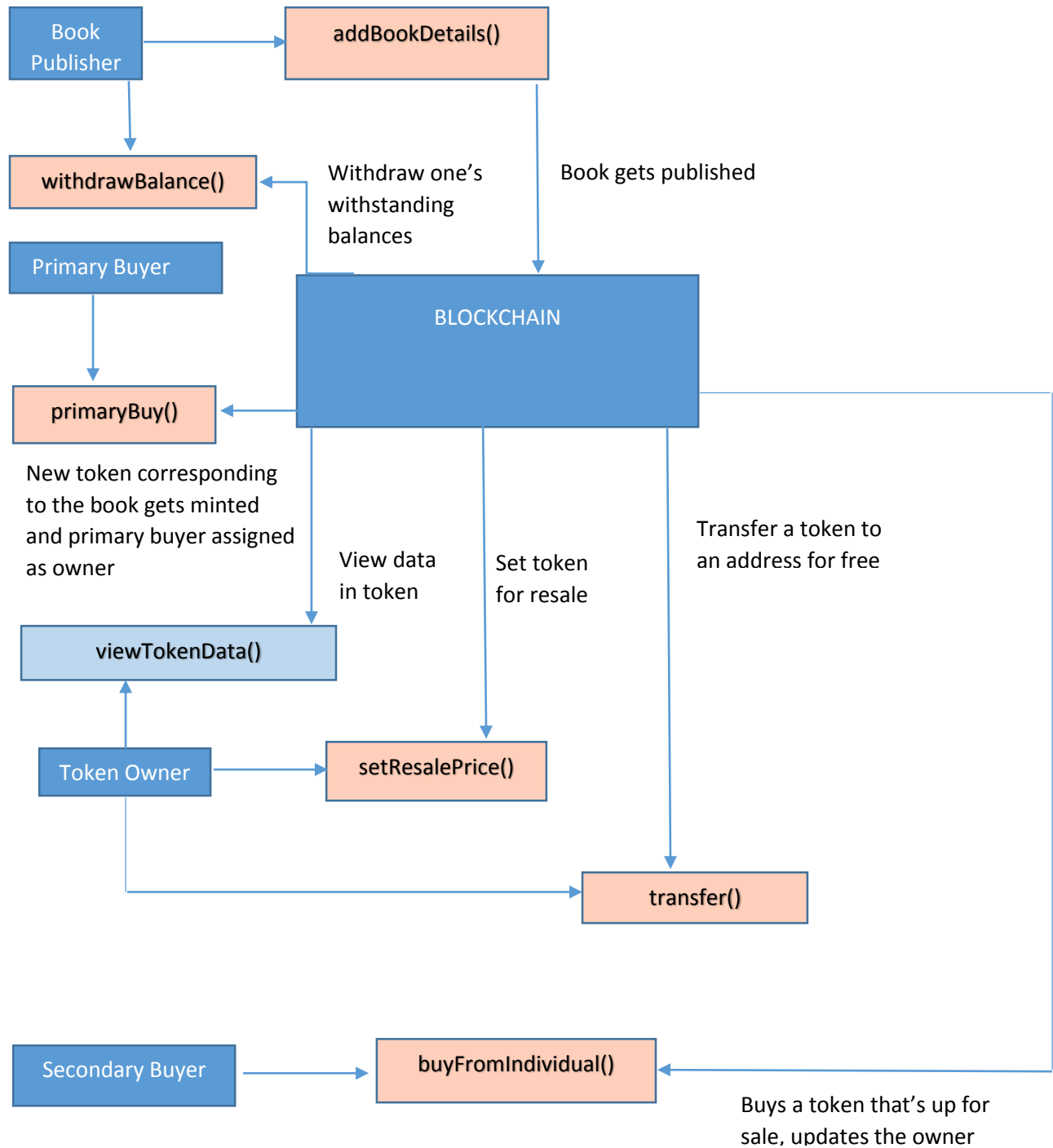


DApp Flowchart



Smart Contract Flow Chart



Code Flow

1. A book publisher publishes a book on the blockchain (addBookDetails)
2. New and unique tokens gets minted whenever a buyer buys the book. (primaryBuy)
3. Buyer is assigned as the owner of the token, the token data consists of the book in IPFS.
4. Only the owner has access to the token's data, which is the book it points to. (viewTokenData)
5. Owner of a given token can set it up for resale at a price of choice (setResalePrice)
6. Owner can send the token for free to any address as well (transfer).
7. A secondary buyer (any address actually) can buy a token that's been set up for resale if the prices agree (buyFromIndividual).
 - a. The previous owner gets the money instantly.
 - b. For each of these transactions, a commission goes to the publisher. But the money is not sent instantly, it gets updated in a bookkeeping of sorts (publisherBalance)
8. A publisher can withdraw withstanding balances from the contract address (withdrawBalance)