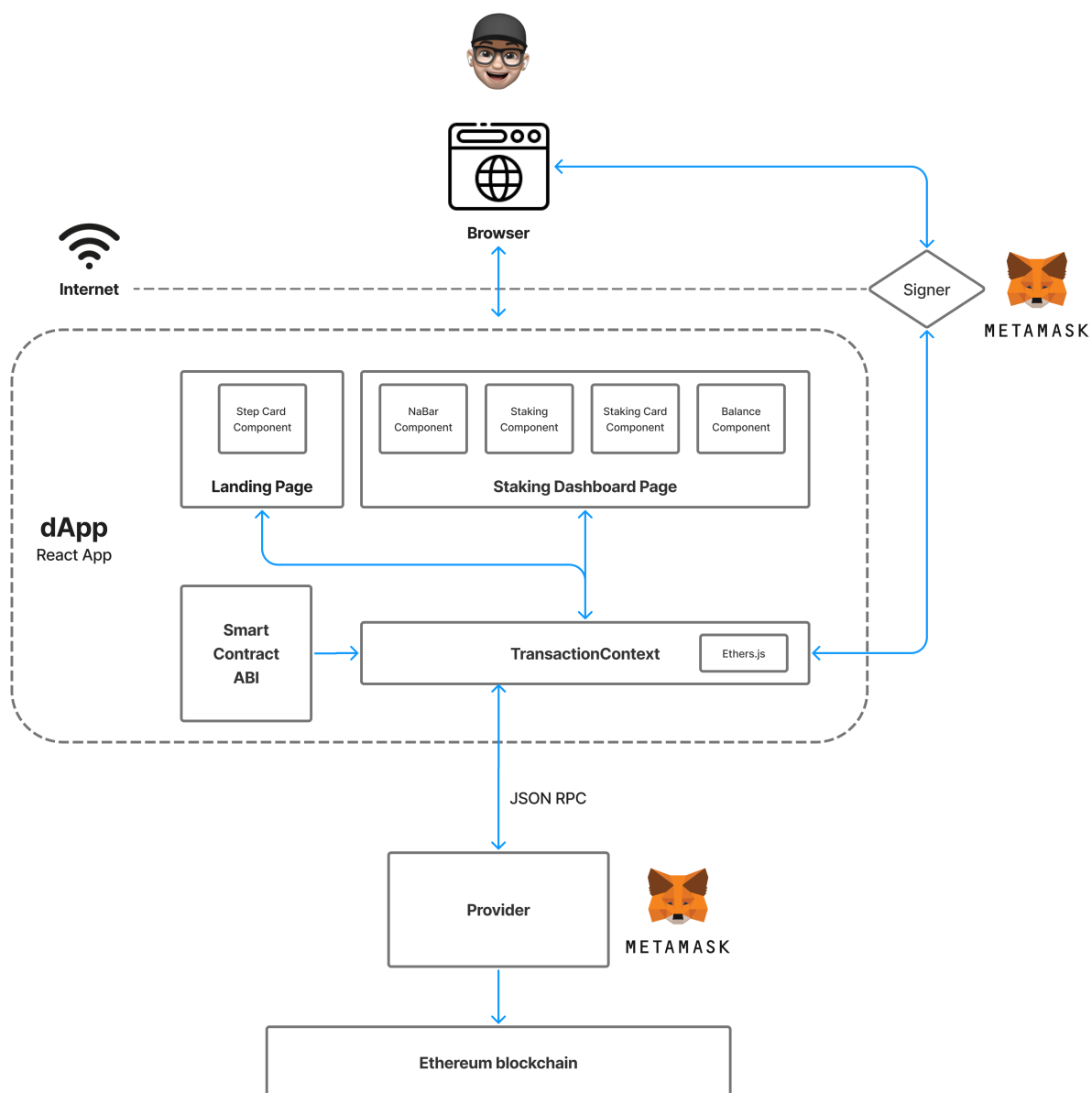


CIBC Stars - DAPP Frontend

Design Overview



TransactionContext

Context provides a way to pass data through the component tree without having to pass props down manually at every level. TransactionContext is used to send request to smart contract deployed on the ethereum blockchain.

```
connectWallet() //connect to user's wallet
```

```
checkIfWalletIsConnected() //check if wallet is connect every time page  
rerendered
```

```
mintToken(userAddress) //deposit initial token to user's wallet  
  
setUserIdentity(userName, address) //save user's name and address in  
DigitalIdentityContract  
  
checkUserName(userAddress) //look up user's name by using address  
  
stake(stakeeAddress) //stake tokens to stakee
```