Omnikey Reader/Writer Desktop App

There are many different forms of key card locks for keeping buildings secure. One is known as Mifare Classic, a card commonly used in buildings. It is written with 10 sectors of information, with sectors having four blocks. To read or write a card a unique authentication key is required. In general, the only way to do this is to use expensive proprietary software. Our goals is write an app in javascript that allows users to read and write to cards that use MiFare Classic. This app will read the cards with an Omnikey 5022 reader that connects to computers with usb once appropriate drivers are downloaded.