Keyboard pipeline solution.

Background: today, many stores use a barcode scanner that after scanning the barcode (8-13 digits), passes it along to the pc of the cashier (POS - point of sale, in professional terms). It does it by acting as a keyboard, connecting to the POS via bluetooth / USB.

We want to create an app that will be in the middle of this data stream: we are looking for an application - KeyBoardPipe - that is running on an android tablet. The barcode scanner described above will be connected to the android application we want to develop, post an event to our designated android application - BarcodeHandler, and passes it along to the POS. This way, we (BarcodeReceiver) are aware to every barcode scanned in the barcode scanner, and can upload it to a cloud service etc. To emphasize - we only want to develop KeyBoardPipe. Whichever manipulation is made by BarcodeHandler - is made by us and is external to this offer. The KeyboardPipe should support bluetooth on the scanner connection side, and both Bluetooth/USB on the side that connects to the POS computer.

We seek for a solution that is as most React-bases as possible and minimal native code (if at all). Please state clearly in you offer which components will be developed in React and which in native.

Illustration: