Device:

* made out of rubber shell and water resistant.
* barcode scanner (any digital format that needs to be scanned)
* a handle to be able to scan the product
* Camera. Must be high resolution. Also have flash capability in case it is dark.
* keyboard (only numbers, special functions)
  + language keyboard on screen (allows for multi langauge)
* styles (attached to device so that it cannot get lost)
* screen greater than 6”
* pistol grip
* wifi
* fast/large memory and processor. Must be able to store over 90 thousand declarations
* Battery must be able to hold a charge for longer than 12 hours.
* Screen must be legible outside in the sun.

Web App:

* proper data structures must be implemented to store, retrieve +90k daily records quickly. User must be able to search through, edit past declarations and add new records.
* Attach pictures
* Allow for input of signature (using stylus)
* Short pull down list boxes
* When person is filling in form, app should suggest to autofill. Allow for custom templates for data entry.
* Cannot be always connected. Server cannot terminate a connection/session.
* App should store all declarations until connection is established if disconnected or poor signal and cache all records for fast viewing/editing of previous declarations.
* Single sign on should be implemented for security
* The primary input for the product is by using scanner. In case when barcode is not visible, user is able to input the name of the product by using styles
* If scanner fails to read barcode, user is able to insert the index of the product manually, by using keyboard
* Assuming that user is given a pick slip or transfer. User will scan order number from this report. This action will list products containing quantity
* Web app must cache previous window/page so that when a user selects something that requires a DB connection, they will not lose that info if a connection cannot be established.
* Able to push unfinished declarations to other employees. For example if change of shifts.