# Pseudo Code

(Not the final version, but pretty good.)

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| Feature | Pseudo Code |
| Login | Clear all past error messagesCollect the username and password off the formDo they look OK? If they are not ok, Show an error message StopSend the username and password to an authentication APIIf the authentication is good: capture the userid that was returned store it where it can be easily accessed,  hide all content divs  direct the user to the scan divIf the authentication is bad Show an error message |
| **Sign Up** | **Students should fill this in….** |
| Scan | Clear all past error messagesTurn on the cameraWait for a scanWhen you get a scan Check the value that was scanned.. is it of the correct pattern? If the value OK, Stop the camera Send the value to an API, along with the userid When the API call comes back, If the API reports success Hide all content divs Show the confirmation div If the API reports a problem Show an error message Show a “try again” button (which takes you back to the beginning) |
| Done | Delete / remove any session information (the userid)Reload the page |
| Cancel | Delete / remove any session information (the userid)Reload the page |
| Sign Out | Make sure the camera is offDelete / remove any session information (the userid)Reload the page |
| History | Make sure the camera is offGet the useridCall an API to return all historic dataIf there is data, loop through it and append one item at a time to a tableIf there is no data show a message stating “No Data Found” |
| Back To Scan | Hide all content divsShow the scan div |