User Stories

A list of all user stories implemented

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|  | **User story** | **Line** | **File** | **Size** | **Priority** |
| 1a | As an app user, I want the motion sensor to be able to be calibrated the motion sensor | 136 | app.js | S | VL |
| 1b | As an app user, I want to be able to turn on the motion sensor | 140 | app.js | S | L |
| 2a | As an app user, I want the server to listen to all motion sensors signals. | 76 | client.js | M | M |
| 2b | As an app user, I want the server to only listen to the motion sensors signal from the current session | 76 | client.js | S | L |
| 3a | As an app user, I want to be able to read detected motion signals from the server console | 55 | client.js | S | H |
| 3b | As an app user, I want the server console messages to only be accessible by those who know to access it | 228 | app.js | M | L |
| 4 | As an app user, I want to determine whether the motion detected is long or short | 14 | client.js | M | M |
| 5a | As an app user, I want the client side to clearly display that a motion has been detected | 58 | client.js | M | L |
| 5b | As an app user, I want the client side to receive motion sensor signals | 79 | client.js | M | H |
| 6a | As an app user, I want to know when a letter has finished transmission | 104 | app.js | M | H |
| 6b | As an app user, I want to be able to decode the motion sensor messages to be decoded into English letters based on Morse code coding table | 70 | app.js | L | VH |
| 7 | As an app user, I want to the client side to print any decoded messages in a readable format | 100 | client.js | M | H |

Size: The amount of effort and coding needed to be done to accomplish user story  
 S = Small, M = Medium, L = Large

Priority: The priority of the user story to the main functionality of the program  
VL = Very Low, L = Low, M =Medium, H = High, VH = Very High