<u>Week 8 Assessment:</u>
Daniel Kennedy

New developments:

   - no longer looking into giving the device a
      frame of reference

   - instead I'll be working on defining rules to
      determine whether both devices are moving
      in the same pattern or not

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Steps towards creating these rules:

- modify the device code to output txt files with the list of 3D points corresponding to its change in position

- use this data to create point clouds in matlab

- analyse the point clouds and create rules

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Things to consider:

- mirrored devices versus non mirrored

- leniency towards shake or other imprecision
    in the user's movements

- delay between the 'original' and the 'copy'

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Looking ahead:

- we will need to static rigs to be sure the devices are moving in sync

- the rigs could also be made to include unpredicted movement

- the rules determined from this project would be used towards applications of the device in a gesture based game or activity