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| **MEETING PARTICIPANTS** | |
| **CORE TEAM** | Molly Meadows  Noah Rieth |
| **OTHERS** |  |
| **MEETING LOGISTICS** | Agenda: See below  Meeting conducted: Zoom videoconference |
| **MEETING CONTENT** |  |

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| **MEETING SUMMARY** |
| **Agenda**   * Discuss meeting material with client * Discuss how to proceed with Task 1   + Task 1: Apply the existing models for rehabilitation evaluation developed by our team (based on deep Convolutional Neural Networks) to predict quality scores for given exercises, based on the estimated poses from the videos with OpenPose.   + The current dataset already has the movement quality scores for each squat exercise. They can be found in the reduced datasets on UI-PRMD website.   + Use the movement data from OpenPose, and train a model by using this file SpatioTemporalNN\_Vicon.ipynb. Make sure to assign the order of the joints to correspond to the five body parts: arm, leg, body. |
| **Notes**   * Noah discussed his progress with the smoothing script to get OpenPose data joints more correct/fill in missing joints more frequently * Molly will work on Adding a Z point to the OpenPose joint data and matching the OpenPose data joints to the joints for the vicon data * Noah will work on combining the two scripts for smoothing outliers out of OpenPose joints and the new script that puts data into format needed for the neural network |
| 1. **Other Topics (Team)** |