DATE: Apr 22 2016

**INDIVIDUAL PROGRESS**

|  |  |  |  |
| --- | --- | --- | --- |
| Member Name | Accomplishments | Next Week’s Goal | TA Comments |
| Kevin Burns | C# Sync code completed  C# Signal Correction framework finished  C# libraries installed and operational | Complete Signal Correction math operations  Operational 3D moving line program completed |  |
| Benny Chan | Gesture database generated for feedback display  Calculation of angle with respect to Kinect  GUI for feedback display | Finish gesture database  Analyze angle of Kinect |  |
| Alex Dubois | Assisted with:  Gesture database  Kinect Angle | Database for patient information |  |
| Ben Johnston | Quaternian forms of signals achieved correctly  Swing testing determined variable velocity drift  STEP files for enclosure obtained | Use Quaternian form for manipulation  Further swing testing performed for long-term drift  Build enclosure in SolidWorks |  |

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**PROJECT STATUS SUMMARY**

**MAIN ACCOMPLISHMENTS**

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| * Method for establishing frame from wearable sensors found * Quaternian representation of signals achieved * Gestures for pass/fail of exercises with Kinect Gesture Builder built |

**MAIN PROBLEMS/ISSUES**

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| * Syncing sensor frame with Kinect frame * What to do with Quaternian representation of signals * Kinect tracking during rotated trunk exercises |

**TEAM DYNAMICS**

**Answer Y or N to each question**

|  |
| --- |
| * Are all members on schedule with their respective tasks? Yes\_ * Are all members contributing equally to the efforts of the team? \_Yes\_ * If any member is behind schedule, has this occurred consecutively more than one week? \_No\_ * Would you like to schedule a meeting with any of the TAs to address issues related to team dynamics? \_No\_ |