DATE: Apr 15 2016

**INDIVIDUAL PROGRESS**

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| --- | --- | --- | --- |
| Member Name | Accomplishments | Next Week’s Goal | TA Comments |
| Kevin Burns | C# libraries for graphical interface researched  C# libraries for mathematical operations downloaded  C# software outline completed  Proposal completion | Integrate all downloaded libraries to C#  Build framework for visualization portion  Finish C# program for Synchronization  Metronome sensor testing |  |
| Benny Chan | Computation of 3d Join position overtime  Proposal completion | Resolve frame difference issue between Vicon and Kinect  Gesture control |  |
| Alex Dubois | Database datastructure framework initialized  Quantification measurements researched  Proposal completion | Gesture control  Finalize quantification measures |  |
| Ben Johnston | Altium license accessed and installed and explored  Quaternian conversion of motion data  Metronome ordered for sensor testing  Proposal completion | 3D printed case file exported from Altium  Establish frame to work Kinect  Metronome sensor testing |  |

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**PROJECT STATUS SUMMARY**

**MAIN ACCOMPLISHMENTS**

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| * Vicon working and data extracted for comparisons to sensors and Kinect for characterization * Kinect and sensor integrated code for data collection over time * Shell codes signal processing and data analysis completed |

**MAIN PROBLEMS/ISSUES**

|  |
| --- |
| * Reference framing between Kinect and Vicon, as well as well as sensors and Kinect * Quantification measures need to be researched more and finalized * More C# code completion |

**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\_ |