**Meeting Agenda**

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| Start Meeting  Determine Meeting Schedule | Monday, March 9, 2020  98C- Room 105  Client & Staff Meeting   * Present:   + Dr. Bowman   + Dr. Trevas   + Andrew Acosta   + Sultan Almarzouqi   + Sam Armstrong   + Karissa Barroso   + Scott Sprauer |
| Upcoming Assignments | **Actions/Notes:**   * Upcoming Building Goals * Updates on Building * Updates on testing materials |
| Next Meeting | Next Staff meeting: March 23, 2020 |

**Notes:**

Since our last meeting the team has completed most of the mainframe and base of the sampling system. We presented our current state of product to our client during our meeting today. Sultan, Sam and Andrew have been working hard on completing the main frame and base and are developing solutions to the current problem the team is facing with the MagBase and linear actuator. The professor has advised the team to adjust their MagBase design due to the questionable safety of this design. Andrew will be working with Dr. Trevas to develop a safer and more effective solution. The linear actuator is also not working, Andrew and Sultan have tried many things to get it to move smoothly, but a constant diagonal force prohibits this swift movement. Sultan and Sam will be taking over this design problem to formulate an efficient design solution.

Scott and Karissa have almost all of the coding down for the arduino circuit. They just need to put the separate codes all together and make sure it is operating properly. Once that is complete, they will be finding a more permanent solution to the wire connections so that the full circuit can be added to the main frame and power the drill/motors.

Dr. Bowman will be traveling to Flagstaff soon to drop off more testing materials - this is still to be determined when due to the COVID-19 quarantine at ASU that is prohibiting business related travel. She has ordered some of the materials for testing that we can start with from home depot - Sultan and Andrew will be picking up these materials at the end of the week.

**DISCLAIMER**

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