Product Ideas

Weekly Report 2/4/19 -2/10/19

During the last mentor visit, Dr. Radasch explained to a client how the diagnostic test they would perform on the animal used to be expensive and overly extensive. This raised questions as to if there were any other diagnostic test that could be simplified and be made more cost efficient. Further insight lead to outdated test that could be redeveloped with improved technology. After discussing with Dr. Radasch, he explained how planning for angular limb deformities used to be done with x-rays, however, that test had varying degrees of accuracy and was not reliable. Now they use CT- Scans and later print the model with a 3D printer; a major set back of this test being the cost.

An in person meeting with Dr. Radasch is scheduled for this thursday, there we will discuss the pricing, and accuracy for the established diagnostic test. In addition to discussing the test, Dr. radasch has a multitude of models in his office that we will be able to study. From those models, patterns across the majority will be seen, such as inaccuracies. These observations will build a foundation to research upon to improve the test. Further insight on accuracy between 3D printers will also be investigated.