**Keystone Work Flow**

Part 1: Code Writing

1. **Consolidate data into folders on GitHub. (by Nov 19th)**
2. **Resolve as many Food.Need code errors as possible (by Nov 20th)**
   1. **Invite Andrew to collaborate on GitHub**
3. **Balance need with recommendation (by Nov 22nd)**
   1. **Send Caitlyn and Wallapak food need balancing equations and work flow. Update. Set meeting.**
4. **Check Food Need code over, consolidate results. (by Nov 22nd)**
5. **Yield Data Code (complete before end of November)**
   1. **Share code with Kwantlen**
6. **Livestock Data Code (ROUGH DRAFT OF ALL CODE COMPLETE BY END OF 2017)**
   1. **Find out what parts to prioritize.**
7. **Debug and test all code (January)** 
   1. **Help from Andrew**
   2. **Share with Kwantlen – get feedback**
8. **Add Graphic User Interface (end of January)**
   1. **Streamline data acquisition**

Part 2: Paper Writing

1. **Write introduction, scope, and methods. (rough draft complete by end of December)**
2. **Write methods for testing, and debugging: justification for the correctness of the program. (end of January)**
3. **Appendix: (beginning of February)**
   1. **Example of results**
   2. **Tutorial for use**
4. **Collect sources and appropriate ownership (beginning of February)**

**Work with Andrew**

**•End of Dec: send Rough Draft #1 (ALL rough code and rough draft of introduction,  backgrounds, scope, and methods.)**

**•End of Jan: send Rough Draft #2  (all debugged code with GUI, final draft of  sections sent in Rough draft #1, and rough draft of new sections (debugging, GUI,  etc))**

**•End of Feb: send Final Draft of everything to Andrew, allowing 2-3 weeks for  correspondence before March deadline.**