Scheduling Check on Friday, April 19th -- 9am

key: [*complexity -- (business value / complexity)****]***
Dependency - *Features that are depended upon by other features.*
Optional - *Feature is NOT included in the base requirements from customer for system.*

Highest Business Value:

3.1 System able to detect motion
*3.1.1 [1 - 10] *Dependency*
*3.1.4 [2 - 5] *Dependency*
3.1.6 [2 - 5]
3.1.6.a [3 - 3.33]
3.1.7 [3 - 3.33] *Optional
*3.1.5 [4 - 2.5] *Dependency*
3.1.3b [4 - 2.5] *Optional
*3.1.2 [5 - 2] *Dependency*
3.1.3a [5 - 2] *Optional
Average business value: 3.96

3.3 System is able to send email
3.3.1 [2 - 4.5]
3.3.2 [2 - 4.5]
3.3.3 [2 - 4.5] *Optional
Average business value: 4.5

3.2 System will have a GUI
3.2.3 [1 - 8] *Optional
3.2.4 [1 - 8] *Optional
3.2.6 [1 - 8] *Optional
3.2.2 [2 - 4] *Optional
3.2.5 [2 - 4]
3.2.1 [3 - 2.66] *Dependency*
Average business value: 5.44

3.4 User able to adjust settings
3.4.1 [1 - 7] *Optional
3.4.2 [3 - 2.33]
3.4.3 [3 - 2.33] *Optional
Average business value: 3.9
Lowest Business Value

First Sprint: MAY HAVE TO BE ELIMINATED BUT MAYBE NOT NOW

These features have not yet been combined together, but are working independently.
Completed tasks by SRS section:

- 3.1.5 System shall save video recordings to the web hosting service Dropbox
- **3.1.1**
- **3.1.2**
- **3.1.3a**
- **3.1.4**

Completed tasks by description:

- Dropbox and Email functionality encapsulated into API classes. All Dropbox and Email interaction is now done by method calls inside of the software system. All functionality and testing has been completed to make sure methods are working correctly.
- Images have been successfully converted to video format. This means that any detected motion can now be output to video. This is already implemented with the Motion Detection. This took longer than expected.
- Made: Data Flow Diagram | We made a few diagrams to help us get a better understanding of how each part of our program is going to interact with the other. This should help us with the issue that was brought up last week. The issue being: Parts were being developed by separate people, but we were unsure that all these parts would be compatible. In this department we were a little optimistic, but this has helped us get a better understanding.

Reasons for not accomplishing everything:

There were a few reasons we were unable to accomplish all of our goals. The biggest one was time. A lot of our features are functioning, but independent of the other features. Time inhibited our group from being able to get everything put together. This will be one of the big goals of Sprint 2. Another factor was our diagram. We spent a majority of our meeting this week developing a Data Flow Diagram for our project. We think this will save us time in the long-run, while disallowing us to deliver on all our promises for this sprint.

Second Sprint:

Plans:

- Motion Detection should be fully implemented with the updated GUI. This will be done earlier in the Sprint so that other features that depend on it can be implemented. This process will also include the collaboration of everyone in getting the Motion Detection refined. This will include testing it, and identifying what the thresholds should be.
- Main procedure that initializes all classes and threads will also be completed. This will at the very least allow us to have a working product, but one that may still be lacking functionality.

To complete:

- **3.1.3b This still needs to be added. Should discuss.**
- **3.1.6 This follows with 3.1.3b. I believe this to not be too hard.**
- **3.1.6.a This will have to be discussed.**
- **3.1.7**