**Date**: October 12, 2018

**TimeLine:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **AIM** | October 1st – 7th | October 8th – 14th | October 15th –21st | October 22nd –28th |
| **Data Collection and preprocessing** |  |  |  |  |
| **Feature Extraction** |  |  |  |  |
| **Proof of Concept** |  |  |  |  |
| **Additional Work** | 1. Visualized the KSL Data in .rdata format  2.Debugging the implementation of Girish code  2. Literature review on Bayesian network and active learning | 1. Learned the basics of Linux operating system  2.Obtaining initial results and output from the code implementation  3. Literature review for potential research directions |  |  |

**Red Flags:**

**1**. Joint prior need to be calculated for discrete data through deal, which is not updated yet.

2. Have to find many functions and packages which are implicit to call.

3. Compiling the functions and packages

Keys Accomplishment:

1. Fixed some internal functions to run in the package

2. Got some results from the original code like Bayesian network for target variable, Market blanket for Sex, angle-based outlier factor for Cholesterol

Future Work:

1. Implement the code in full potential and get the final result.
2. Understand the overall interpretation of the results and Girish thesis.
3. Set up the Hadoop cluster system to run in machine