Finally, there is our conclusion.

Now, we have already some metrics provided by Mr. Bray. At first, we will use these metrics.

At first, we want to get preliminary results with these existing metrics and simple model. For example, we will do correlation analysis to find which type of metrics has more influence on the final output, and then we will use the simple model, such as simple linear regression or support vector regression. And later, we want to go further. We will use more types of metrics and more complex model. For instance, if possible, we want to take the temporal information in the development cycle into account. The other more complex factors, such the risk caused by the programmer, will also be considered.

There is a time line. In the beginning, we have some discussion with our project coach. Up to now, we have defined the problem we will solve and planned our first step. As I have said, at first, we try to use the existing metrics with simple model. We want to get the preliminary results and evaluation around Feb 20. And then, before the middle of April, we will add more metrics and try more models. Finally, it’s the final adjustment of our work.

There is our task allocation. Gilles and Robin will do the metric processing and data cleansing. And Henry and I are responsible for the model construction.