There are two major parts in this project: Data collection/analysis and Agile tool feature extension. For the first part, two categories of data, performance and behavior data, will be collected during a semester-long project which was done by six teams. Analysis of these data reveals some key performance attributes like velocity, capacity, etc. In addition, a cross-team comparison will also be conducted. For the behavior data, action item matrix will be applied to evaluate how each team understands the Agile process. For the second part, a new proposed functionality will be implemented based on an existing Agile management tool. Architecture, database and visualization will be discussed.