

**Release Plan, TSR Assistant, Team Drowning with Ducks ,Working Release Name, 12/8/17,  
Version 0.1 ,10/13/17**

**High Level Goals:**

- Be able to integrate system with existing GrepThink infrastructure
- Analyze numerical ratings provided by TSR's (flag outliers)
- Flag score discrepancies
- Flag TSR's that need extra review
- Flagging verbose or sparse responses
- Visualize problematic areas for TA's - image visualizations percentage of positivity or negativity for specific users and in general

**Sprint 1 Goals: TSR Data Input and Output**

- As a developer , I want to have full access to the TSR data in its native form, so that I can manipulate it freely.
  - Story Points: 5
  - Must Have
- As an instructor I want to be able to see the analysis of existing TRS's in the GrepThink infrastructure to simplify where TSR's can be accessed.
  - Story Points: 6.5
  - Must Have

**Sprint 2 Goals: Numerical and Statistical Analysis**

- As an instructor, I would like to have a system that does numerical/statistical analysis on the TSR team member ratings ,so that I do not have to do them manually and save time
  - Story Points: 3
  - Must Have
- As an instructor, I would like to see if certain student have wildly different scores from their peers, so that I can check in on potential conflicts
  - Story Points: 2
  - Should Have
- As an instructor, I would like to know which teams and students require more attention, so that I can address their issues first
  - Story Points: 5
  - Should Have
- As an instructor, I would like to know if certain students are putting effort into responses or have long grievances so that I can get a feel for any conflicts
  - Story Points: 1
  - Could Have

### **Sprint 3 Goals: Data Visualization**

- As an instructor , I would like to have a visual description of the TSR's, so that I can gain an intuitive feel of the team
  - Story Points: 13
  - Must Have

### **Sprint 4 Goal: Use NLP techniques to extract key information from TSR's.**

- As an instructor, I would like to be able to see simple summaries and general impressions of the content of a TSR, so that I know where my time should best be spent.
  - Story points: 13
  - Should Have

### **Product Backlog:**

- Interactive with linking data visualization for reports
- Generate cumulative reports on teams
- Analyze histories of TSR's for specific teams(cross referencing)
- Color coded view of team status