

# GrepThink TSR

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Sponsored by GrepThink

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# Opportunities

Expanding GrepThink capabilities

Simplify grading and evaluation

Smoothing out and centralizing the TSR process

# High level goals

Create a clean TSR form on GrepThink for students to fill out

Create a data viewing area for TA's and professors

Create data summaries with visualizations

The background image shows a document with various charts and text. At the top, there is a line chart with two data series, one in black and one in blue, plotted against months from March to December. Below this, there is a bar chart with 12 bars, each divided into three segments of different colors (blue, dark blue, and light blue). The text 'Sprint 1' is overlaid in large white font. Other visible text includes 'Mar', 'Apr', 'May', 'Jun', 'Jul', 'Aug', 'Sep', 'Oct', 'Nov', 'Dec', 'h / Statistic 2', 'lacijs exerspit, nes exescient hictor', 'ute liquam voles allscit inulpa consectem', 't Hitem quamoccu', '7 survey', 'Graph / Statistic 3', 'Sequidell lacijs exerspit, nes exescient hictor', 'latempquid ute liquam voles allscit inulpa consectem', 'aut a corem fuga. Edia volum volupit incillique il', 'nihicilio vent Hitem quamoccu', 'according to 2017 survey', 'NEXT PAGE', and 'Analysis of Net Funds'.

# Sprint 1

## Goal: Fillable TSR Form

**User Story 1** - As a student, I want a fillable form so that I can input my TSR

**User Story 2** - As a student, I want a dropdown menu that has each teammate so that I can evaluate each teammate



The background image shows a document with various data visualizations. At the top, there is a line chart with two series, one in black and one in blue, plotted against months from March to December. Below this, on the left, is a Venn diagram with three overlapping circles in dark blue, yellow, and light grey. In the center, there is a stacked bar chart with 12 bars, each divided into three segments of different shades of blue. To the right of the stacked bar chart is a small box containing the text '2016'. At the bottom, there is a section titled 'Graph / Statistic 3' followed by several lines of placeholder text. The word 'Sprint' is written in large white letters across the middle of the image.

# Sprint 1

## Goal: Fillable TSR Form

**User Story 3** - As a student, I want to be able to submit a filled out TSR form for each teammate so that a professor or TA can view it

**User Story 4** - As a student, I want some sort of post submission verification so I know I will receive credit

The background image shows a document with various data visualizations. At the top, there is a line chart with two series, one in black and one in blue, plotted against months from March to December. Below this, on the left, is a Venn diagram with three overlapping circles in dark blue, yellow, and grey. In the center, there is a bar chart titled 'Graph / Statistic 3' showing data for 12 categories. The bars are stacked with blue and dark blue segments. To the right of the bar chart, there is a small box containing the text '2016'. At the bottom left, there is a section titled 'NEXT PAGE Analysis of Net Funds'.

# Sprint 2

**Goal: Allow TA's and professors to view TSR data**

**User Story 1** - As a TA/professor, I want to be able to view each TSR so I can evaluate each team

**User Story 2** - As a TA/professor, I want a way to contact the evaluator and evaluatee so I can sort out issues between teammates quickly and easily

The background image shows a document with various data visualizations. At the top, there is a line chart with two series, one in black and one in blue, plotted against months from March to December. Below this, on the left, are three overlapping circles in dark blue, yellow, and grey. In the center, there is a bar chart with 12 bars, each divided into three segments of different colors (blue, dark blue, and grey). To the right of the bar chart is a small box containing the text '2016'. At the bottom, there is a section titled 'Graph / Statistic 3' with some text and a small line graph. The text 'NEXT PAGE Analysis of Net Funds' is visible at the very bottom.

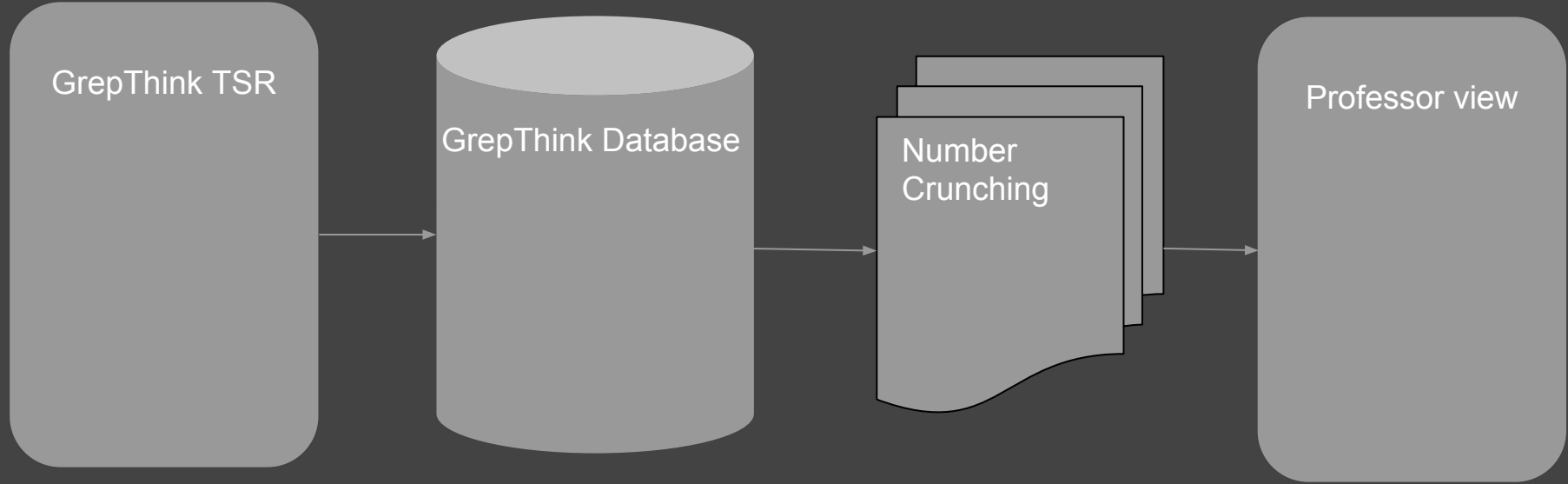
# Sprint 3

## Goal: Data summary

User Story 1 - As a TA/professor I want to see averages and visual data so that I can easily evaluate each teammate

User Story 2 - As a TA/professor I want to see each teammate's written reviews so that I can grade based on qualitative data

# Project Flow





# Technologies

Python/Django Framework

JavaScript

Html/CSS



# Challenges

Learning an already established  
frontend and backend

Using Django

Exchanging data from student to  
professor



# Project Management Tools

Github

Slack

Trello

An aerial photograph of New York City at dusk. The sky is a mix of dark purple, blue, and orange. The city is densely packed with skyscrapers, many of which are illuminated with their interior lights. The Empire State Building is prominent in the center, with its top lit in red and green. The Hudson River is visible on the right side of the image. The word "Questions?" is overlaid in a large, white, sans-serif font on the left side of the image.

Questions?