PeerReViz

Understanding Massive Peer Reviews

CS448B Final Project by Wei, Kanit, Thiraphat
in collaboration with Venture Lab
Quantitative Feedback

A. The Quality of the Presentation
   Low ☐ High

B. The Market
   Low ☐ High

C. Quality of the Business Model
   Low ☐ High

D. The Marketing Strategy and Marketing Page
   Low ☐ High

E. Prototype
   Low ☐ High

Low = 1
high = 9
<table>
<thead>
<tr>
<th>Qualitative Feedbacks</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>What you like?</strong></td>
</tr>
<tr>
<td>Big idea that helps with cancer prevention.</td>
</tr>
</tbody>
</table>

| **What can be improved?** |
| There's no marketing page, though, this product will most likely sell on a different basis than that. |

| **Questions** |
| Have you thought about licencing it to major players who have huge networks instead of selling it yourselves? |

| **Big Ideas?** |
| Helps with cancer prevention and can save lives. |
Prior work

- Not much work has been done for peer review visualization
- RevExplore (Xiong et al.): focus on clustering and NLP techniques
Overview First
Filter
PeerReViz

Showing aggregated data from selected teams

Keyword Cloud
Keyword List
WordTree

Notable
Constructive Criticism
Questions
New Ideas

Bar chart showing the distribution of average scores among teams.

Word clouds for Notable, Constructive Criticism, Questions, and New Ideas.
Detail on Demand
Team ABC

Overview

Score for rubrics

average score 8.2

Qualitative Feedback

Notable
- great idea!
- Like this idea. Check out a company called Scanadu. Maybe you can interface with another company like that.
- I’m not specialist, but it looks like a good idea.
- Big idea that helps with cancer prevention.
- This is a complex subject that has been presented in a manner that the lay person could understand it. An enterprise must do good for society as a whole. There is little doubt that such an idea has potential to do that.

Constructive
- You need a lot of research on the medical side.
- Would like to see more details on the logistics of getting this pill to the patient and then retrieving it from the patient for analysis. Seems like that could be costly. Also sales and marketing is costly the way you talk about it. Are there ways to partner that would help you reduce the cost?
- There is too much info. You may need to make the text attractive for both specialist and non-specialist audience IMO. (thinking of investors)
- There’s no marketing page, though, this product will most likely sell on a different basis than that.
- You have stated that currently the field is not sufficiently developed to relate the patient’s microbiome to his/her state of health. The uncertainty of the length of delay will be significant in an investor being willing to invest, let alone the issue of competing parallel developers.
PeerReViz

Showing Selected Team

Team ABC

Overview

Review Browser

Score for rubrics

average score

Qualitative Feedback

Keyword

Word Tree

Show Filter

About

# of Team

Average Score

0

25.0

50.0

75.0

100.0

1

2

3

4

5

6

7

8

9

8.2

average score

1 2 3 4 5 6 7 8 9

i will not make

that same mistake

with health care.

make sure that no
government bureaucrat

or insurance company

bureaucrat gets

between you and

medicare.

continue to seek

common ground

in the weeks

ahead.

be there to listen.

let up until those

Americans who seek jobs

can find them. -- ( applause ) -- until

the back down on the basic principle

that if Americans can't find affordable

coverage, a plan that adds one dime
to our deficits -- either now or in the
future if it adds one dime to the
deficit, now or in the future, period.

sign

make

waste

and I will not accept the status quo as a solution.

accept the status quo as a solution.

protect

continue
to

be there to

list

not

not

not

not
PeerReViz

Showing Selected Team

Team ABC

Overview

Review Browser

**Average Score**

- 8.2
- 5.1
- 4.2
- 3.2

average score **4.7**

Lots of ideas but fairly unfocused in describing the actual value add
Reduce the rhetoric and sharpen the focus to explain the value add

None noted
Leed certification can be combined with building automation for energy savings
To-do List

Design data filtering
Continue implementing based on our design
Figure out how to evaluate the usefulness of our work