

Happiness index for schools

By Unkils

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Theme: Ed-Tech

As Submission of Hackathon

TECHAEKS
3.0

Problem Statement:

In the fast paced and tech. driven world often times emotions are not openly shared or discussed - Never even take the time to ask

- How your child/student are filling ?
- Are you happy today ?
- What would make tomorrow a better day for you ?

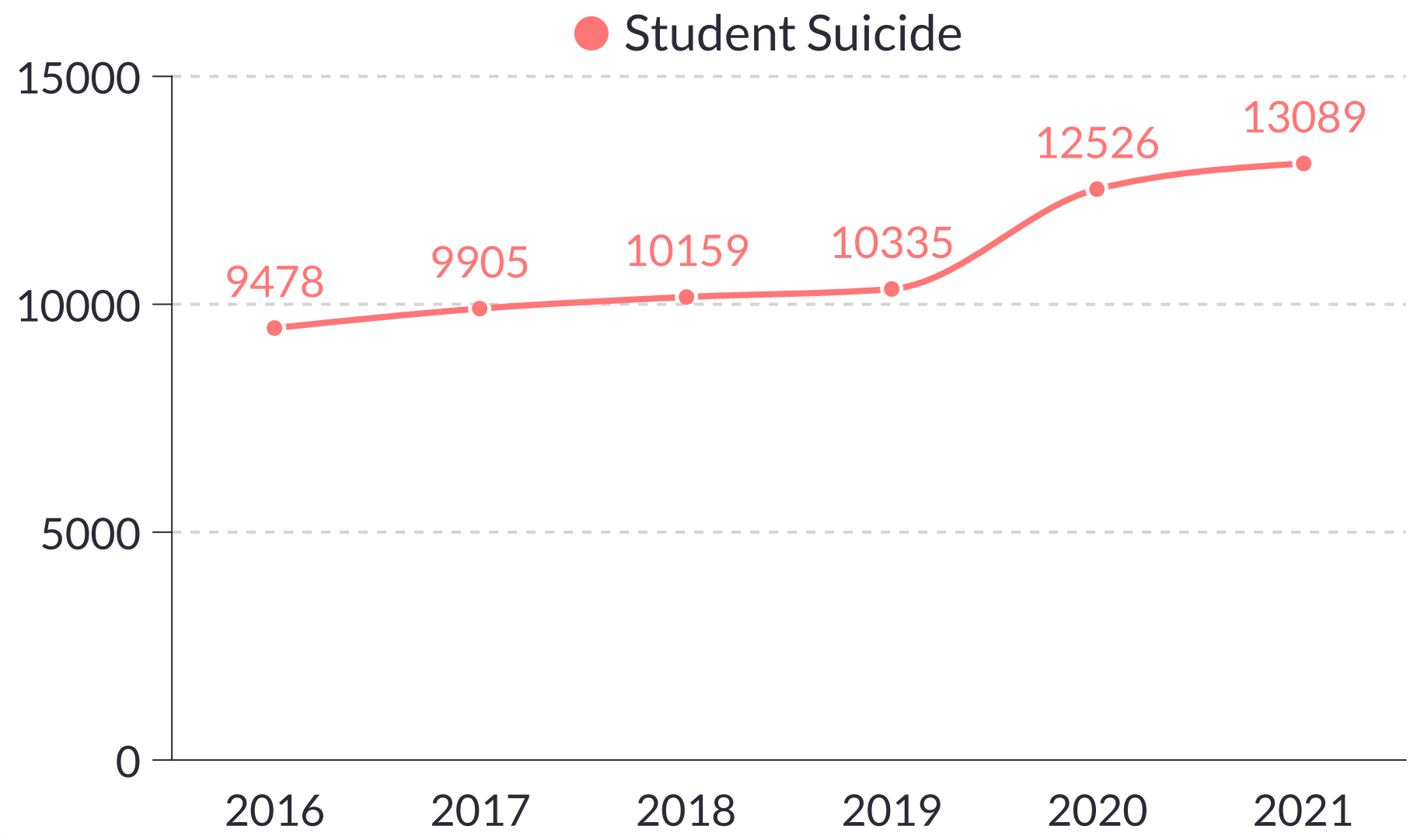
Those questions which should be asked on a regular basis and the happiness of your child/student should be constantly monitored

Background:

Every day more than **34** students attempt **suicide** due to academic stress.

One in every six students faces depression, stress, and anxiety.

The pressure from their teachers, parents, and society is enough for a student to have a mental breakdown.



Stats:

73%

very happy with
school life

51%

always satisfied
with personal life

81%

Responsibility of
Doing Well

55%

Satisfaction with
Body Image

81%

Anxiety Related to
Academics

39%

Not loose hope in
stressful situation

45%

Feeling Tired and
low in energy

17%

Approaching
school counsellor

47%

Help from friends/
parents/teachers

39%

satisfied Academic
Performance

28%

Hesitation in
Asking Questions

67%

Feeling of
Happiness

Solution:

We have to develop an application that calculates the **Happiness Index** of students and ranks schools accordingly.

The application also provides suggestions to overcome the weaknesses in the school structure.

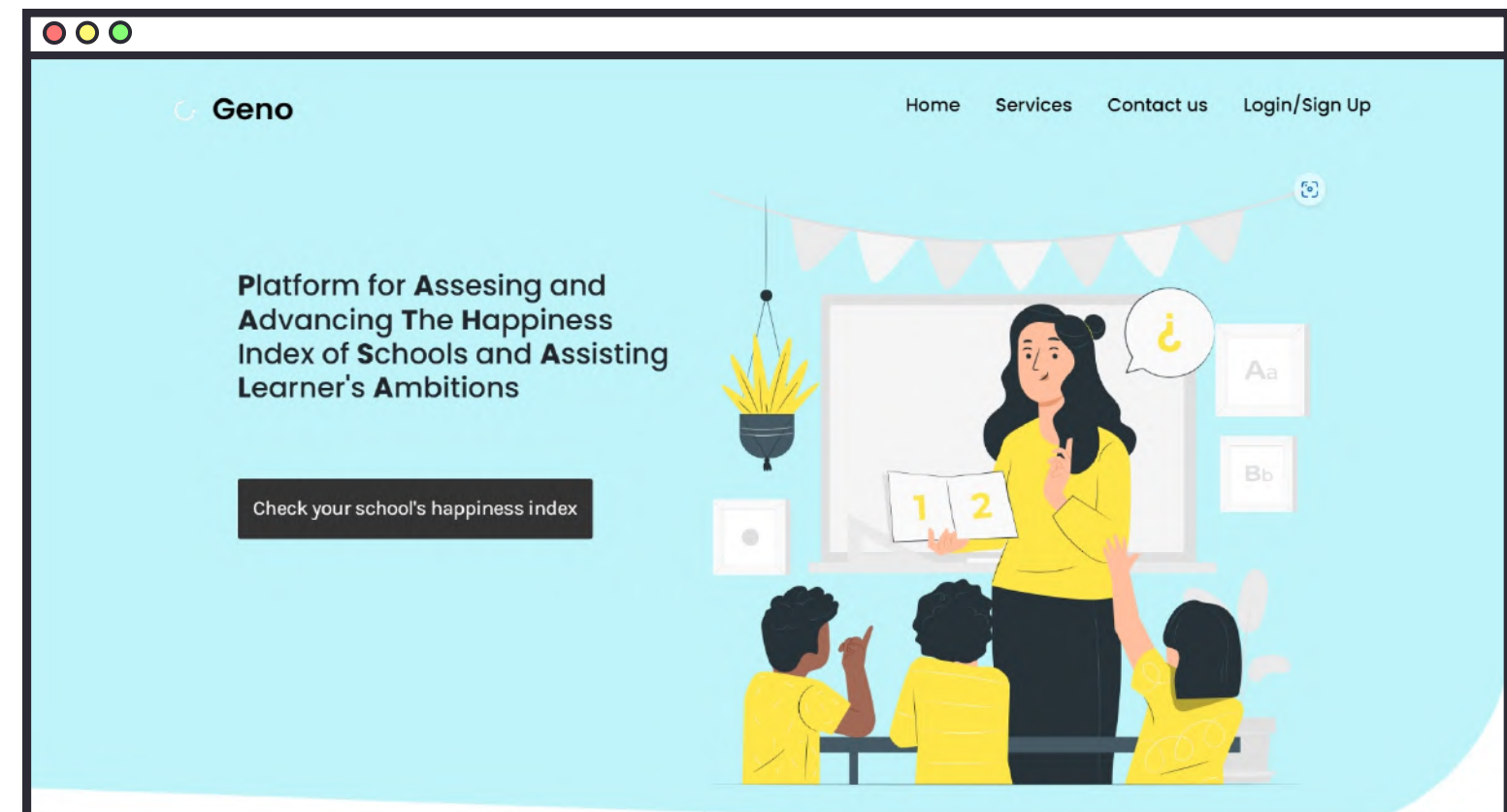
The rankings would allow new parents to select schools that are suitable for their children and also motivate the schools to do better and improve their ranks.

Features:

School Ranking and happiness index

weighted happiness rate of a sample of individuals.

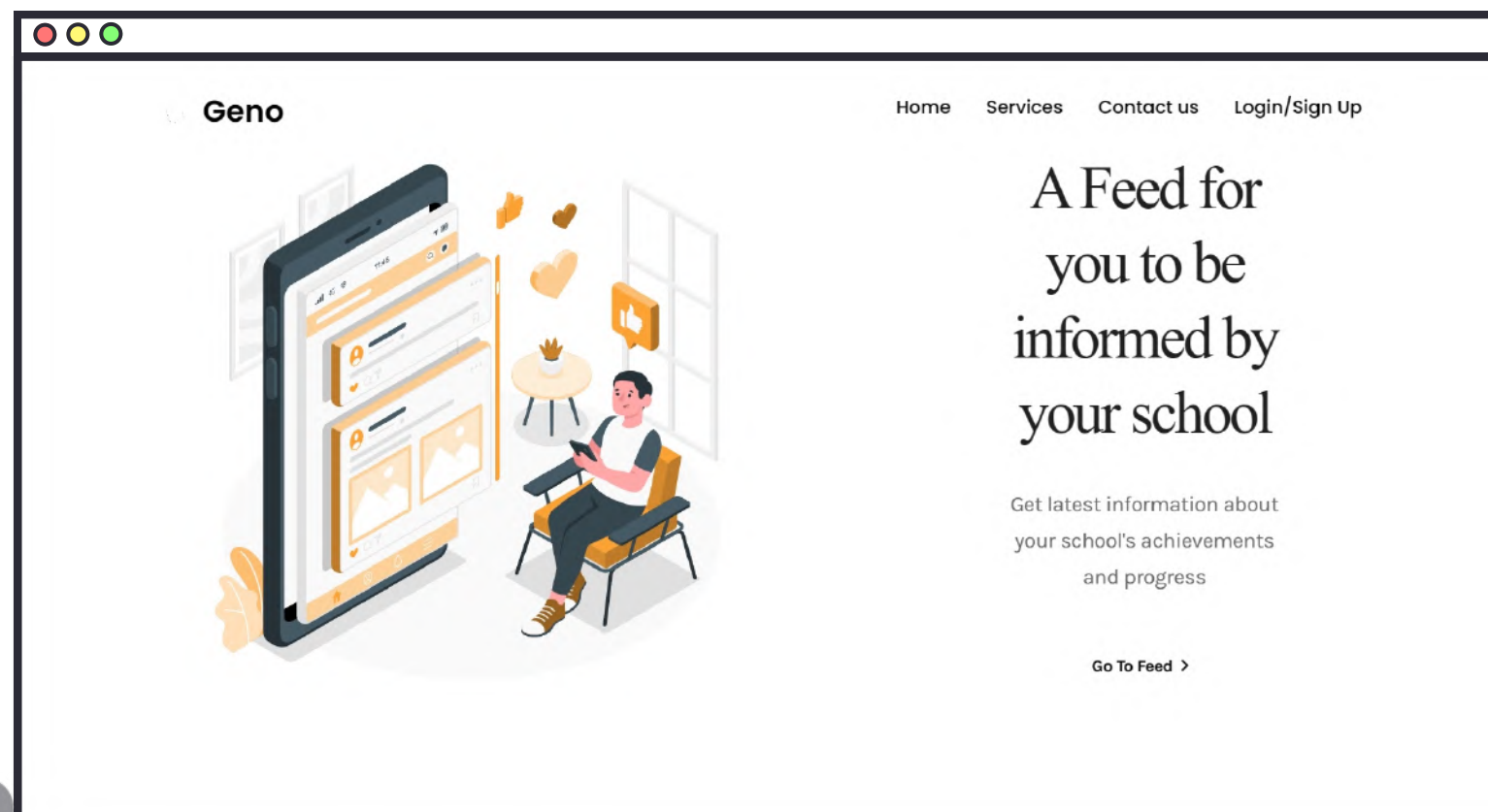
Calculated by circulating questionnaires asking people to rate various psychological factors influencing their happiness



Feed for tracking school activities

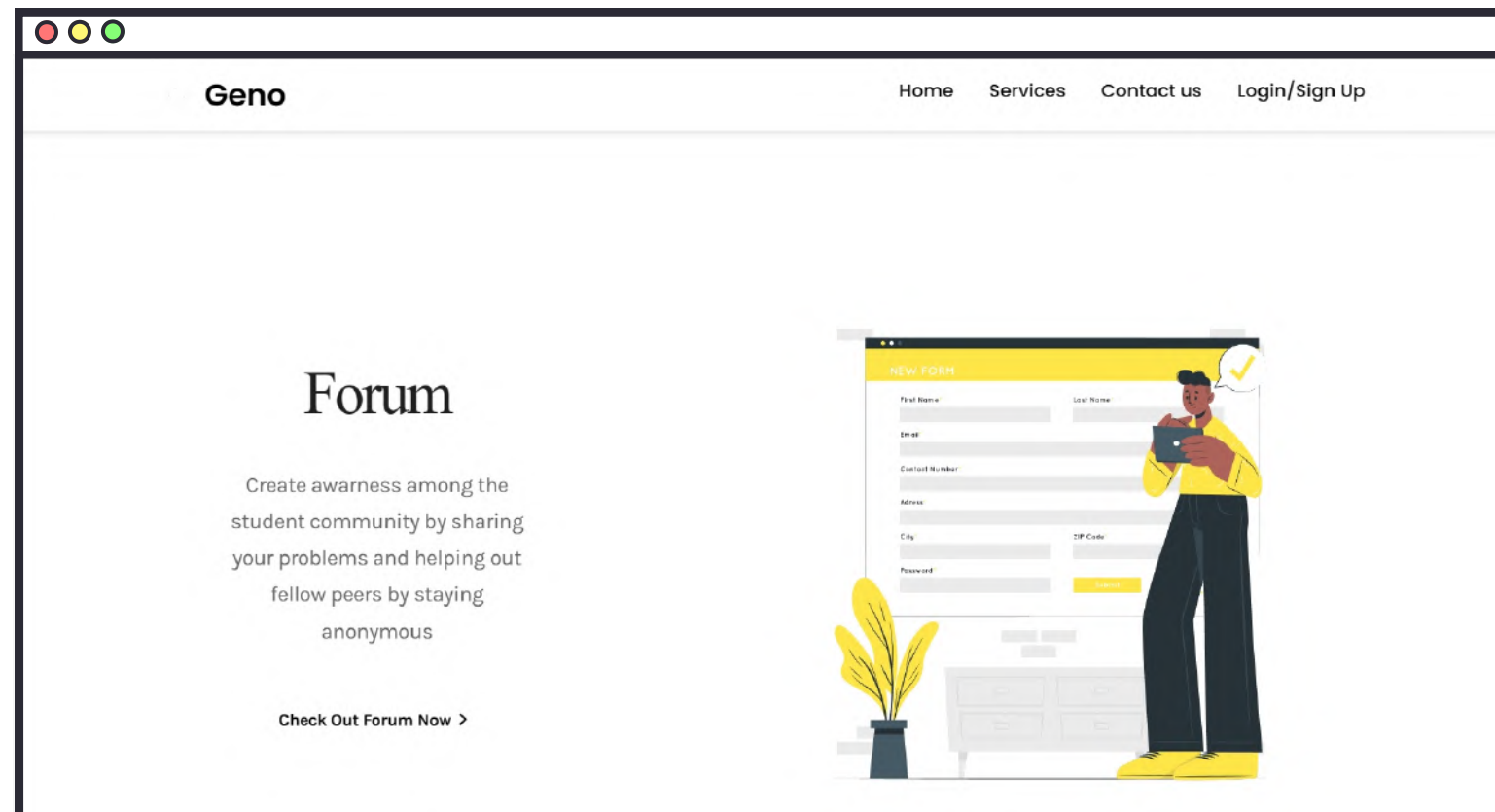
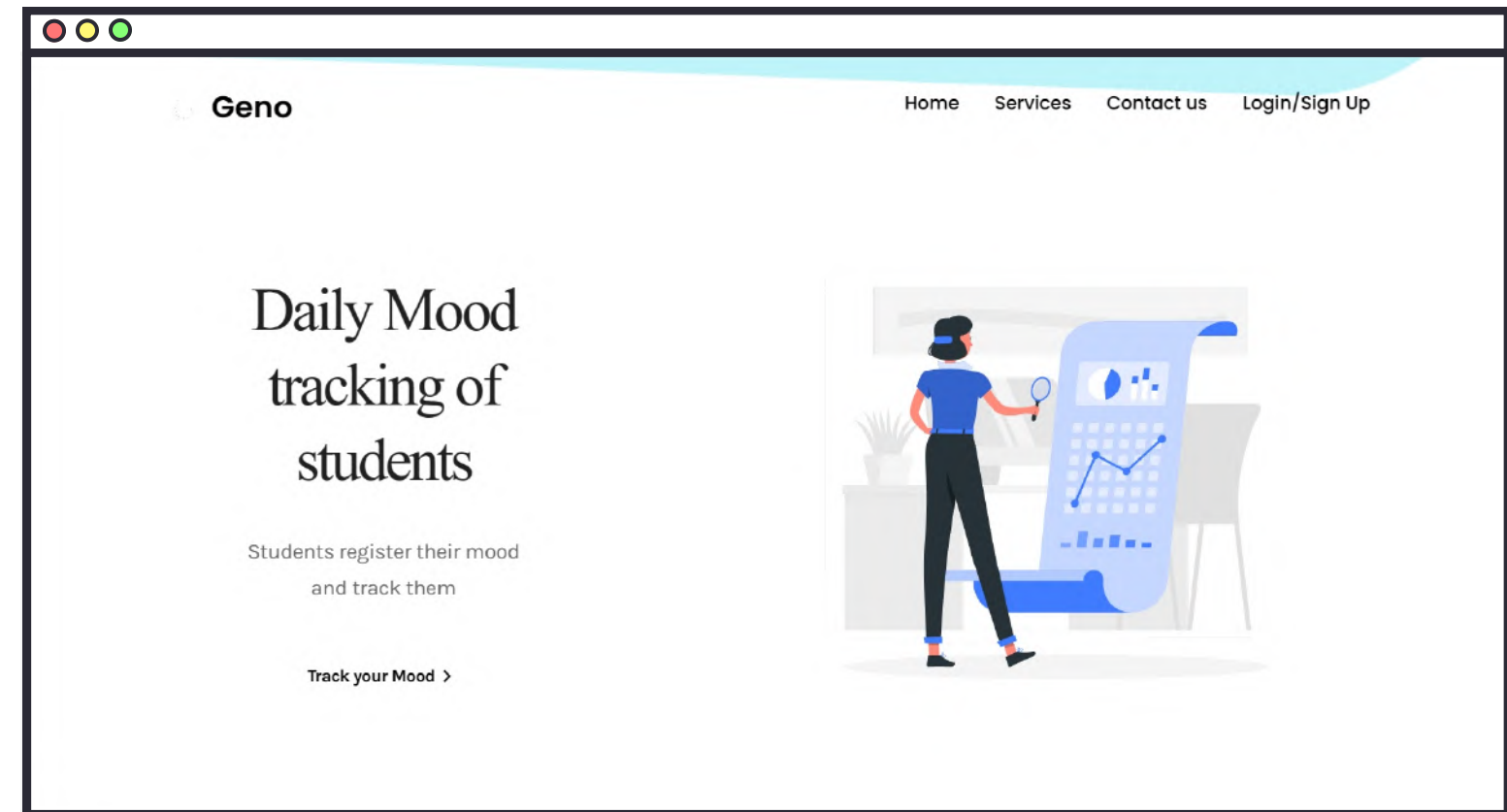
Students are more engaged and more successful when they have a clear picture of what's going on in their school.

a real-time dashboard that shows all of your school activity in one place.



Daily Mood Tracking

They help you keep track of your mood, which can be especially useful when you're trying to figure out what's going on with your mental health.



Anonymous discussion forum

No matter what kind of issue you're facing, whether it's bullying or cheating or just general stress, we've got you covered. Just post a message on our website, and we'll get back to you with some advice or suggestions

And many more.....

Mood Tracker:

Hey, Mayur👋
How is your Day going?
Add Mood to Calendar

Stats

	Jan	Feb	Mar
Sun	🟢	🟢	🟢
Mon	🟢	🟢	🟢
Tue	🟢	🟢	🟢
Wed	🟢	🟢	🟢
Thu	🟢	🟢	🟢
Fri	🟢	🟢	🟢
Sat	🟢	🟢	🟢

Sep

September

Sun Mon Tue Wed Thu Fri Sat

					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Add mood to Calendar

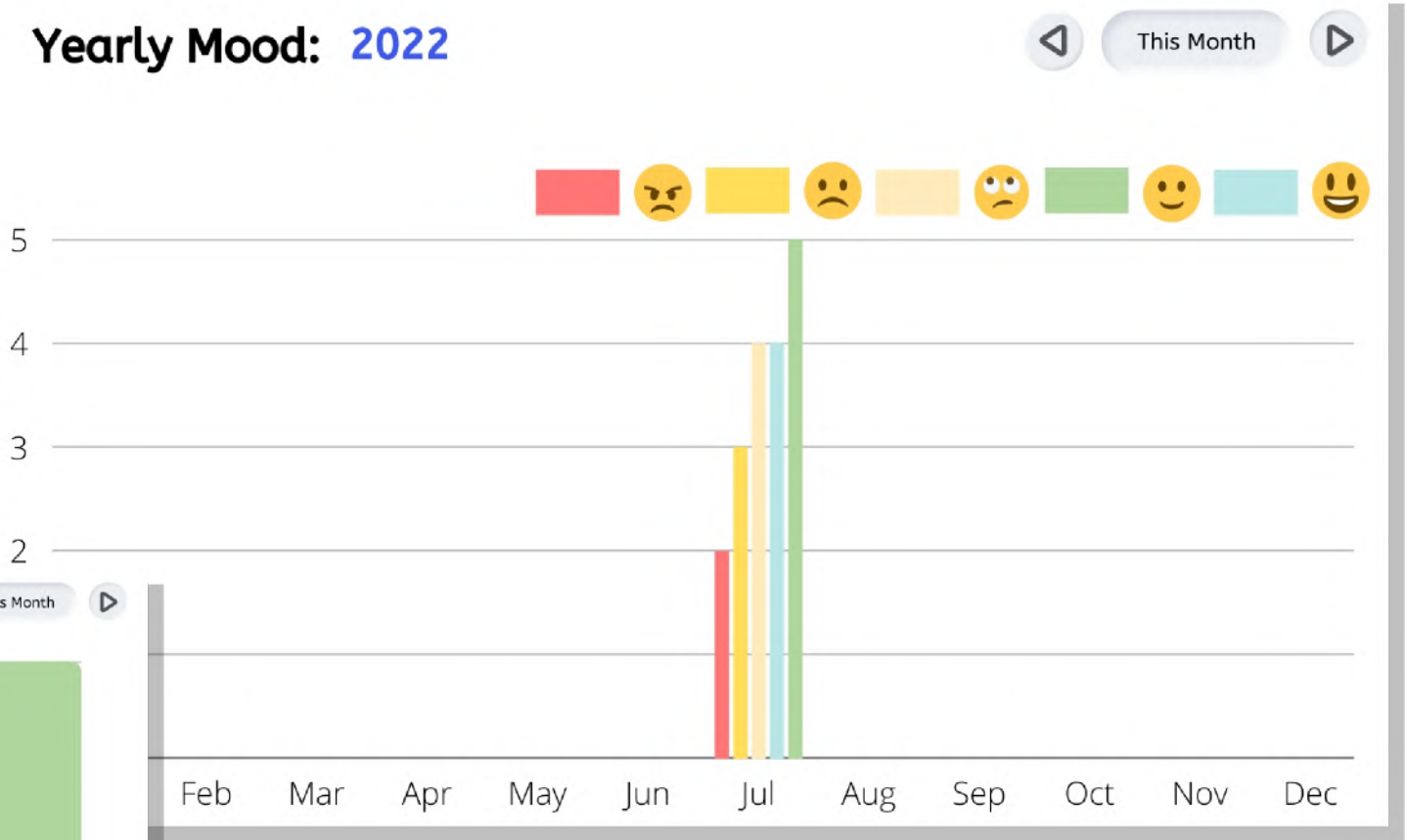
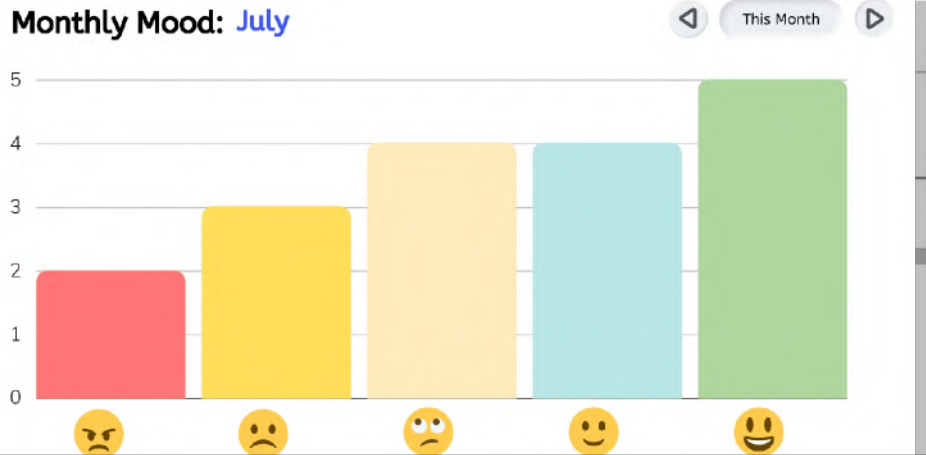
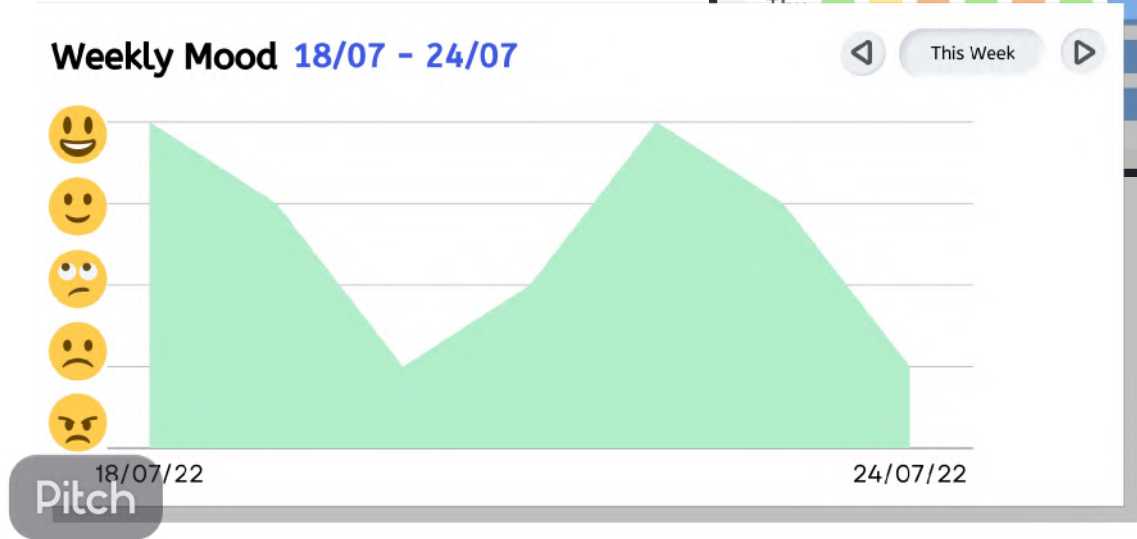
Select Date
10/08/2022

How was your Day?
Angry Sad Good Meh! Happy

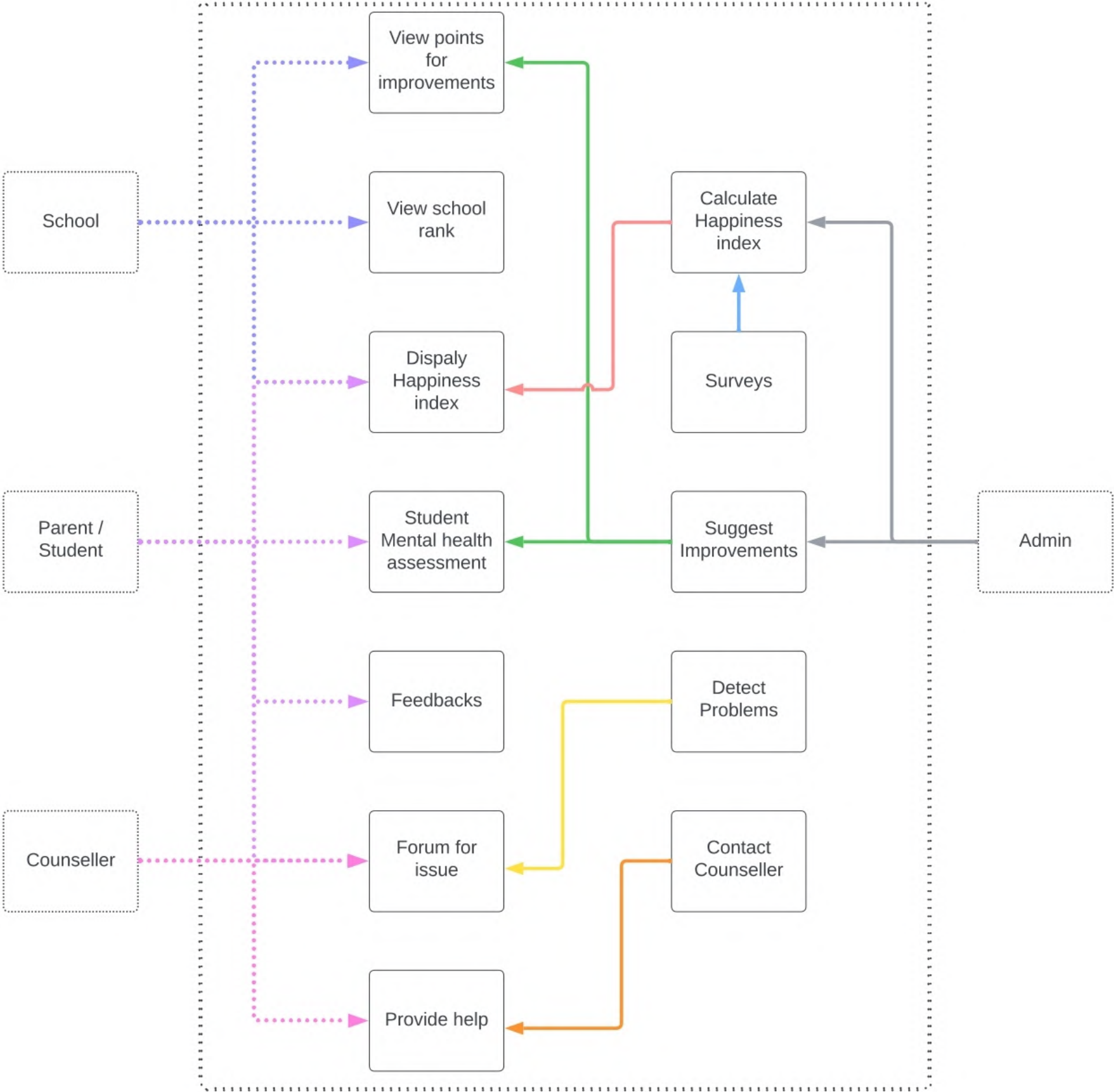
Note:
Add Mood

Stats

	Jan	Feb	Mar
Sun	🟢	🟢	🟢
Mon	🟢	🟢	🟢
Tue	🟢	🟢	🟢
Wed	🟢	🟢	🟢
Thu	🟢	🟢	🟢
Fri	🟢	🟢	🟢
Sat	🟢	🟢	🟢



Block Diagram:



Tech Stack:

Python

Django

HTML/CSS/JS

SQL

Libraries and Techniques:

BERT (Bidirectional Encoder Representations from Transformers)

Plotly

SMTP (Simple Mail Transfer Protocol)

