

The Complaint Department

TEAM MARKELTAT

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The Complaint Department



Is something wrong in your life? In a bad mood? Need a little pick me up?

CHOOSE A CATEGORY:



CHOOSE A COMPLAINT

FILE A COMPLAINT

My kids are jerks

My wife won't stop nagging me

My husband won't listen to me

Boyfriend Problems

My in-laws are crazy

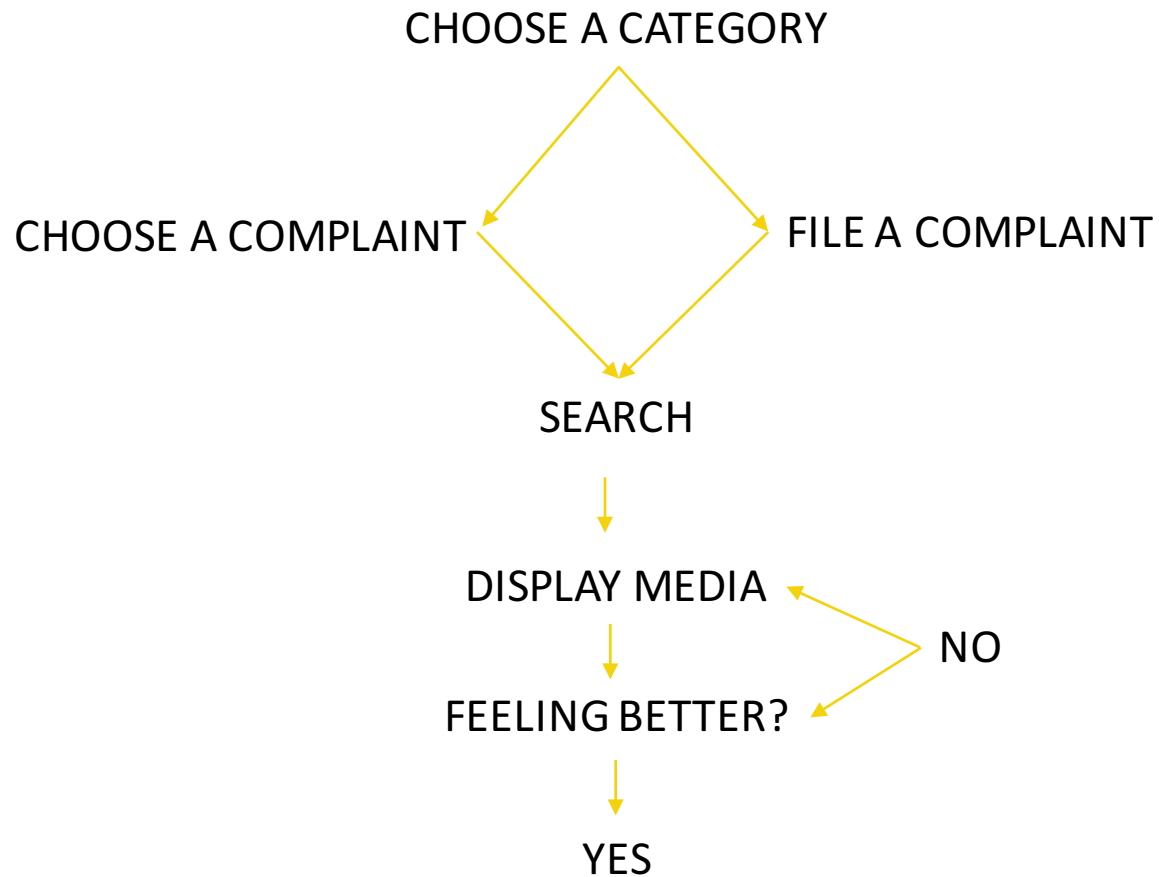
THE IDEA

Life is stressful. But it's not that bad!

Take a break. Make a complaint and have a laugh.



HOW IT WORKS



TECHNOLOGY



Materialize

Front-end framework

JS – modal, carousel,
tabs



YouTube API

Video Search



Google Search API

Custom Search



Firebase

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Stored complaints,
keywords, and user
emails



FRONT END

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API

```
googlequeryURL = 'https://www.googleapis.com/customsearch/v1?key=' + gKey + '&cx=' + cx +  
'&searchType=image&q=' + keywords;  
youtubequeryURL = 'https://www.googleapis.com/youtube/v3/search?key=' + yKey +  
'&part=snippet&order=relevance&type=video&regionCode=US&relevanceLanguage=en&videoDuration=short  
&videoEmbeddable=true&q=' + keywords;
```

```
if (resultNum < 2) {  
    $.ajax({ url: googlequeryURL, method: 'GET' })  
        .done(function (results) {  
  
            $('#apiInfo').empty();  
  
            //Randomly select image from 10 results  
            var n = Math.floor(Math.random() * 9);  
  
            //Don't repeat images in one session  
            while(usedImages.indexOf(n) != -1) {  
                n = Math.floor(Math.random() * 9);  
            }  
  
            usedImages.push(n);  
            var randomImg = results.items[n].link;  
  
            //Display image  
            $('#apiInfo').html('');  
  
            resultNum++;  
            level++;  
        })  
}
```

FIREBASE

complaints

family

-KS0DFXUBCUy_Ti_qcgh

complaint: "My kids are jerks"

keywords

0: "funny"

1: "bad"

2: "kids"

3: "brats"

+KS0DliKx6TMLdYj8-Dj

+KS0EJ0mQE-t9aMOGaBD

+KS0EdPeuLNnWma4JB4b

-KSPxS8Bmdu845jzB8pq

complaint: "My in-laws are cra

keywords

0: "crazy"

1: "in-laws"

2: "funny"

userEmail: "mavbeane@gmail.com"

+ job

+ school

+ weather

-KSPxS8Bmdu845jzB8pq

complaint: "My in-laws are crazy"

keywords

0: "crazy"

1: "in-laws"

2: "funny"

userEmail: "mavbeane@gmail.com"


```
//Add a complaint
$('#new-complaint').submit(function( event ) {

    //Get complaint value
    var complaint = $('#complaint').val();
    var complaintKeywords = $('#keywords').val().trim().replace(/ /g, '').split(',');
    var email = $('#email').val();

    var newComplaint = {
        complaint: complaint,
        keywords: complaintKeywords,
        userEmail: email
    };

    if (complaintCategory == 'family') {
        database.ref('complaints/family').push(newComplaint);
    } else if (complaintCategory == 'job') {
        database.ref('complaints/job').push(newComplaint);
    } else if (complaintCategory == 'school') {
        database.ref('complaints/school').push(newComplaint);
    } else if (complaintCategory == 'weather') {
        database.ref('complaints/weather').push(newComplaint);
    };

    chosenComplaint = newComplaint.complaint;
    keywords = newComplaint.keywords.join('-') + '-funny';

    $('#new-complaint').children('input').val('')

    search();
});
```

PROBLEMS

Images and video in the search – Not always appropriate

Keywords that worked!

Adding to firebase based on user selection

Image sizing



TO DO

Fine tune keywords and search parameters

Rotate more images/videos

Game/Interactive element

Upvote/downvote images

Email Subscription

