



FAKE News Identifier

The impact of news matters more than its content

Fake news identifier este aplicația web menită la identificarea știrilor false.

Link repository Github: <https://github.com/Pcarioca/Fake-News-Identifier2>

Cum pregătim hostul local pentru rulare?

Instalați nodeJS si MongoDB atlas.

Navigați în folderul backend folosind o linie de comandă la alegere (recomandat Powershell)

Creați în backend un fișier denumit .env cu următorul text:

DB_URL= mongodb://localhost:27017/

Aici, rulați comenzile în ordine:

1. Npm i
2. Npm i -G nodemon
3. npm start.

Ignorați orice mesaje de avertizare.

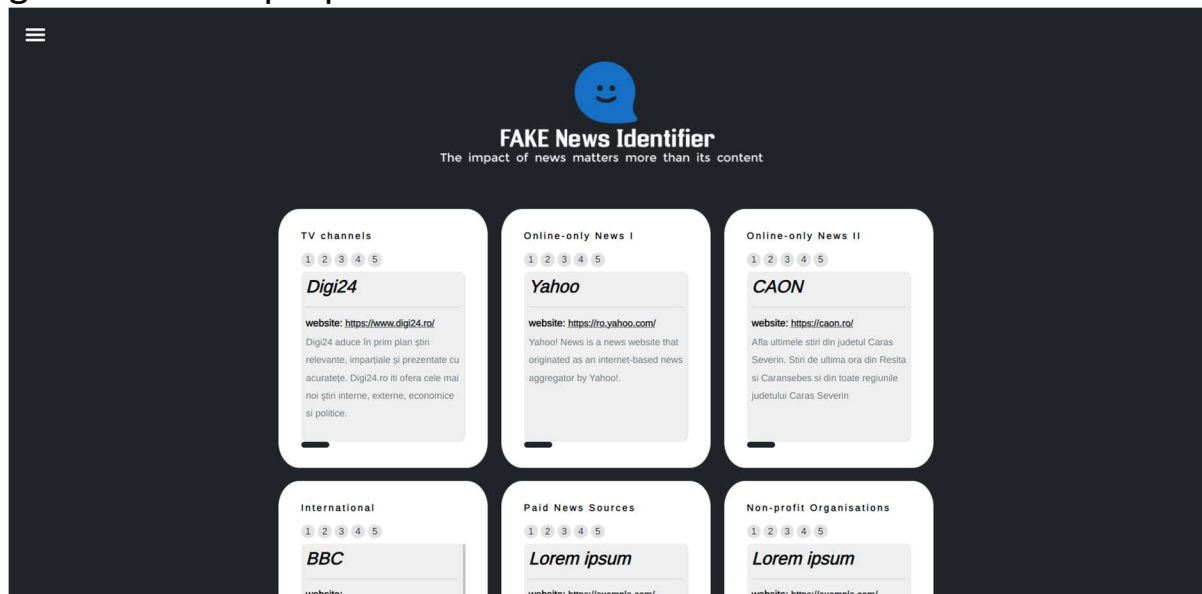
```
PS C:\Users\Andrei\Documents\etc\Repos\Fake-News-Identifier2\backend> npm i
up to date, audited 204 packages in 1s
1 package is looking for funding
  run `npm fund` for details
2 vulnerabilities (1 moderate, 1 high)
To address all issues, run:
  npm audit fix
Run `npm audit` for details.
PS C:\Users\Andrei\Documents\etc\Repos\Fake-News-Identifier2\backend> npm i -g nodemon
up to date, audited 204 packages in 950ms
1 package is looking for funding
  run `npm fund` for details
2 vulnerabilities (1 moderate, 1 high)
To address all issues, run:
  npm audit fix
Run `npm audit` for details.
PS C:\Users\Andrei\Documents\etc\Repos\Fake-News-Identifier2\backend> npm start
> project-hackathon-part2@1.0.0 start
> nodemon index.js
[nodemon] 2.0.15
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,json
[nodemon] starting node index.js
Listening on port 5000
C:\Users\Andrei\Documents\etc\Repos\Fake-News-Identifier2\backend\node_modules\mongoose\lib\connection.js:680
    throw new MongooseError('The `uri` parameter to `openUri()` must be a string, got "' + uri + '". Make sure the first parameter to `mongoose.connect()` or `mongoose.createConnection()` is a string.
    at NativeConnection.Connection.openUri (C:\Users\Andrei\Documents\etc\Repos\Fake-News-Identifier2\backend\node_modules\mongoose\lib\connection.js:684:11)
    at C:\Users\Andrei\Documents\etc\Repos\Fake-News-Identifier2\backend\node_modules\mongoose\lib\index.js:328:10
    at C:\Users\Andrei\Documents\etc\Repos\Fake-News-Identifier2\backend\node_modules\mongoose\lib\helpers\promiseOrCallback.js:32:5
    at new Promise (<anonymous>)
```

Cum funcționează Fake News Identifier?

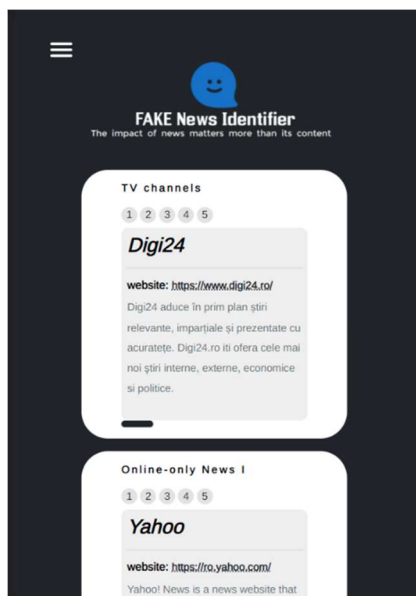
Acesta are multiple funcții.

1. Lista de surse de încredere

Prima pagina conține carduri formate din diferite tipuri de știri, unde se găsesc sursele propriu-zise și o scurtă descriere:

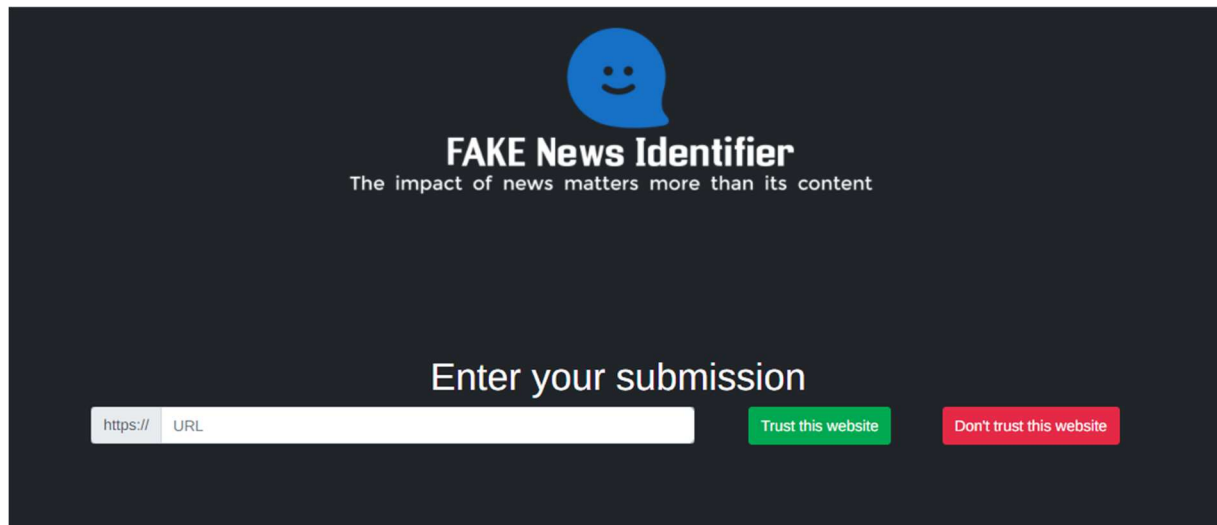


De asemenea, precum toate paginile, site-ul este total responsive:



2. Raportare site-uri ca si surse sigure/nesigure de știri.

Navigând la tab-ul “Make a submission”, putem găsi câmpul de input.



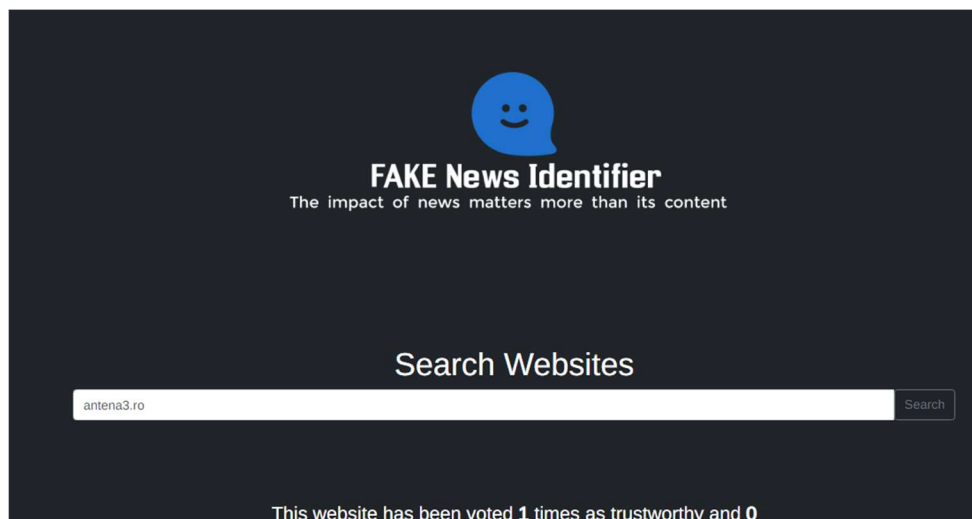
The screenshot shows the 'FAKE News Identifier' interface. At the top is a blue speech bubble icon with a smiley face. Below it, the text 'FAKE News Identifier' is displayed, followed by the tagline 'The impact of news matters more than its content'. The main heading is 'Enter your submission'. Below this is a text input field with a placeholder 'https:// URL'. To the right of the input field are two buttons: a green 'Trust this website' button and a red 'Don't trust this website' button.

Aplicația ne oferă feedback pentru submission-uri, si nu ne permite sa votam de mai multe ori același website:



3.Căutare website-uri

Aplicația ne permite sa aflam de cate ori a fost votat website-ul ca si trustworthy sau untrustworthy.



The screenshot shows the 'FAKE News Identifier' search interface. At the top is the same blue speech bubble icon. Below it, the text 'FAKE News Identifier' is displayed, followed by the tagline 'The impact of news matters more than its content'. The main heading is 'Search Websites'. Below this is a search input field with the text 'antena3.ro' entered. To the right of the input field is a 'Search' button. At the bottom of the page, a status message reads: 'This website has been voted 1 times as trustworthy and 0'.

Pentru a crea aplicația, am utilizat faimosul triplet HTML/CSS/JS, de asemenea Mongo DB pentru baza de date. Iată câteva exemple:

```
<div class="row sq-row d-flex justify-content-center">
  <div class="col-lg square d-flex justify-content-center height">
    <div class="slider">
      <div class="btn">
        <p>TV channels</p>
        <a href="#slide-1">1</a>
        <a href="#slide-2">2</a>
        <a href="#slide-3">3</a>
        <a href="#slide-4">4</a>
        <a href="#slide-5">5</a>
      </div>
      <div class="slides">
        <div id="slide-1">
          <div class="content">
            <h3>Digi24</h3>
            <hr>
            <h4>website: <a href="https://www.digi24.ro/">https://www.digi24.ro/</a></h4>
            <p>Digi24 aduce în prim plan știri relevante, imparțiale și prezentate cu acuratețe. Digi24.ro îți ofera cele mai noi știri interne, externe, economice și politice.</p>
          </div>
        </div>
        <div id="slide-2">
          <div class="content">
            <h3>Pro TV</h3>
            <hr>
            <h4>website: <a href="https://www.protv.ro/">https://www.protv.ro/</a></h4>
            <p>PROTV.RO este siteul oficial al televiziunii PROTV. Aici găsești exclusivități cu vedetele din România, emisiunile PROTV, interviuri și știri divertisment, filme, muzică și evenimente.</p>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
```

```
#button {
  display: inline-block;
  background-color: rgb(31, 112, 204);
  width: 50px;
  height: 50px;
  text-align: center;
  border-radius: 4px;
  position: fixed;
  bottom: 30px;
  right: 30px;
  transition: background-color .3s,
    opacity .5s, visibility .5s;
  opacity: 0;
  visibility: hidden;
  z-index: 1000;
}

@media (prefers-reduced-motion){
  transition: background-color 0s, opacity 0s, visibility 0s;
}
```

```
//Listening on the PORT variable and then console logging the port
app.get('/', (req, res) => {
  const url = req.query.url;
  Website.findOne({url}, (err, websiteFound) => {
    if(websiteFound){
      res.send({upVotes: websiteFound.upVotes, downVotes: websiteFound.downVotes})
    }
    else{
      res.sendStatus(404);
    }
  })
})
app.listen(PORT, () =>{
  console.log(`Listening on port ${PORT}`)
})
```

```
1  var btn = $('#button');
2
3  $(window).scroll(function() {
4    if ($(window).scrollTop() > 1) {
5      btn.addClass('show');
6    } else {
7      btn.removeClass('show');
8    }
9  });
10
11 btn.on('click', function(e) {
12   e.preventDefault();
13   $('html, body').animate({scrollTop:0}, '300');
14 });
15
16
```

Bibliografie: -Logo: [Namecheap Logo maker](#)
-Navbar: [Eric Terwan via codepen.io](#)
-Footer: [Material Design for bootstrap](#)
-Resources Carousel: [CSS Tricks Website](#)
-Icons: [Fontawesome.com](#)
-Go to top button: [Matthew Cain via codepen.io](#)
<https://www.freecodecamp.org/news/learn-mongodb-a4ce205e7739/>
<https://www.w3schools.com/>

Vă mulțumesc.

Munteanu Paul Andrei
Colegiul Național "Diaconovici-Tietz"
Resita