



Univerza v Mariboru

Novinar

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Ideja projekta

- Agregiranje spletnih novic
- Prikazovanje novic

Pridobivanje podatkov

- Podatke pridobivamo z uporabo spletnih strgalnikov
- Pokatke trenurno črpamo iz 13 slovenskih spletnih novic



Pridobivanje in hranjenje podatkov

1. Cheerio (statične strani)
2. Axios
3. Puppeteer (dinamične strani)

```
async function gov_shared(n: number, website: string) {
  const news: INews[] = [];
  const news_promises: Promise<{ author: string; content: string }>[] = [];

  const response = await axios.get(website);
  const $ = cheerio.load(response.data);

  $('.list-item').each((i, element) => {
    const title: string | undefined = $(element).find('.title').text();
    if (!title) {
      console.log('Cannot get title');
      return false;
    }
    let url: string | undefined = $(element).find('a').attr('href');
    if (!url) {
      console.log('Cannot get url');
      return false;
    }

    url = `http://www.gov.si${url}`;

    const news_promise = get_newspage(url);
    news_promises.push(news_promise);

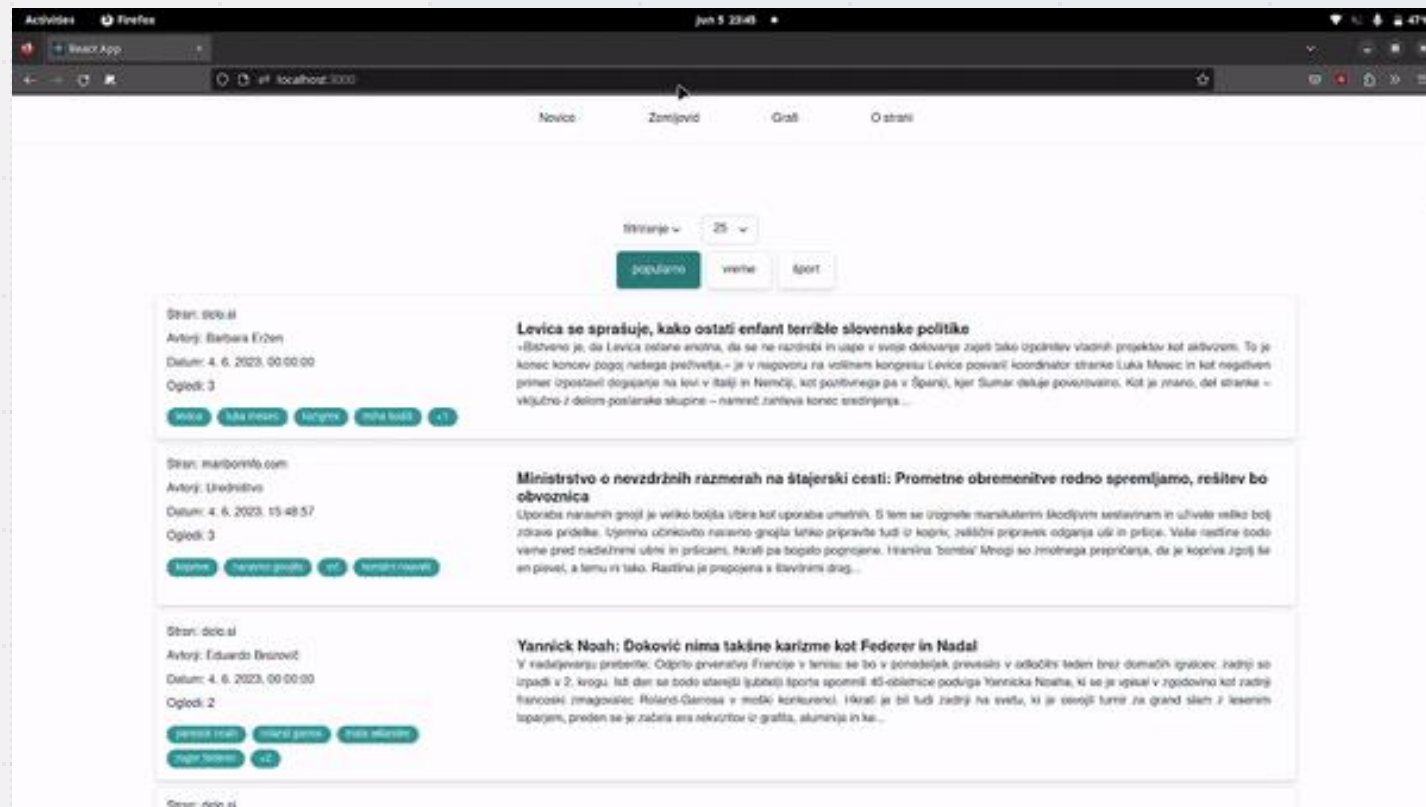
    const date_unparsed: string | undefined = $(element)
      .find('.datetime time')
      .text();
    if (!date_unparsed) {
      console.log('Cannot get date');
      return false;
    }

    const date_split = date_unparsed.split(' ');
    const date = new Date(
      +date_split[2],
      +date_split[1] - 1,
      +date_split[0] + 1,
      0,
      0,
      0
    );
  });
}
```

The screenshot shows the MongoDB Compass interface. On the left, a sidebar displays the database structure with a tree view containing 'development', 'news', 'users', 'production', 'test', and 'testing'. The 'news' collection is selected. The main panel shows the 'develoPMENT.news' collection. At the top, statistics are displayed: STORAGE SIZE: 508KB, LOGICAL DATA SIZE: 728.44KB, TOTAL DOCUMENTS: 209, and INDEXES TOTAL SIZE: 36KB. Below this, navigation tabs include 'Find', 'Indexes', 'Schema Anti-Patterns', 'Aggregation', 'Search Indexes', and 'Charts'. A 'Filter' section allows entering a query: { field: 'value' }. The 'QUERY RESULTS' section shows '1-20 OF MANY' results. Two document snippets are visible, each with fields like '_id', 'title', 'url', 'date', 'authors', 'content', 'categories', 'views', and 'location'.

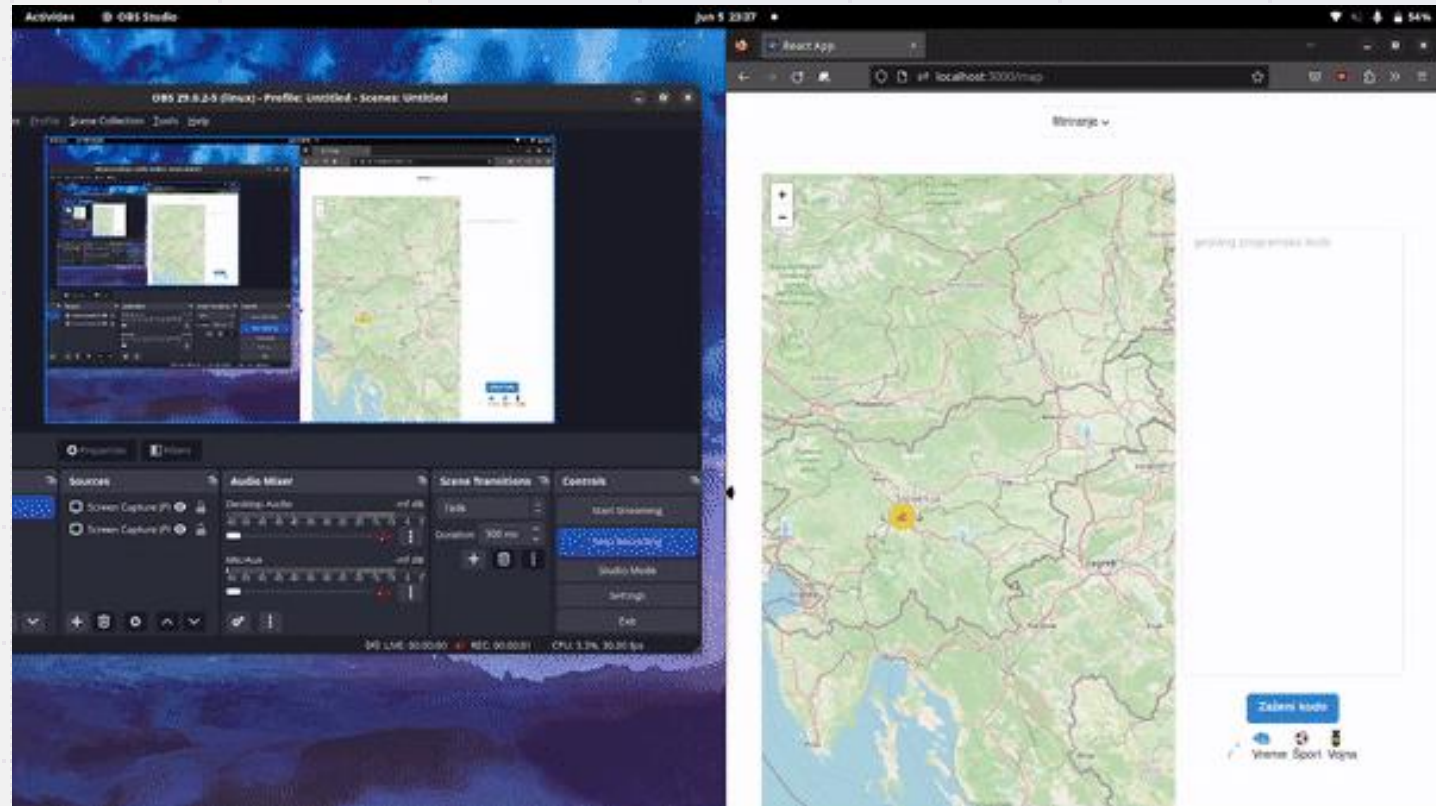
Spletni vmesnik

- Avtentikacija in avtorizacija s pomočjo JWT žetonov,
- prikaz novic na zemljevidu.



Vizualizacija novic na zemljevidu

- Leaflet
- Markercluster



Mobilna aplikacija

Aplikacija omogoča objavlanje člankov z telefona in simulacijo tega.

- Shranjevanje na podatkovno bazo
- Shranjevanje v verigo blokov

22:46

511 KB/s

Vo

WiFi

79

Enter Title

Enter Content

Politics

Capture Image

Remove Image

Post to Blockchain

Post News

Post

22:45

3.59 KB/s

Vo

WiFi

79

Title

Capture Image

View Blockchain Posts

Search by title or category

51. redna seja Vlade Republike Slovenije

Long click to view content

Delete

Živimo v pravni državi in odprti družbi z vrednotami, kot sta svoboda in solidarnost

Long click to view content

Delete

Informativni dan - Javni razpis za sofinanciranje usposabljanj otrok in mladih za krepitev digitalnih kompetenc ter spodbujanje in

View

22:58

3.59 KB/s

Vo

WiFi

79



Gospod je celo noč delal na tem da mu dela projekt

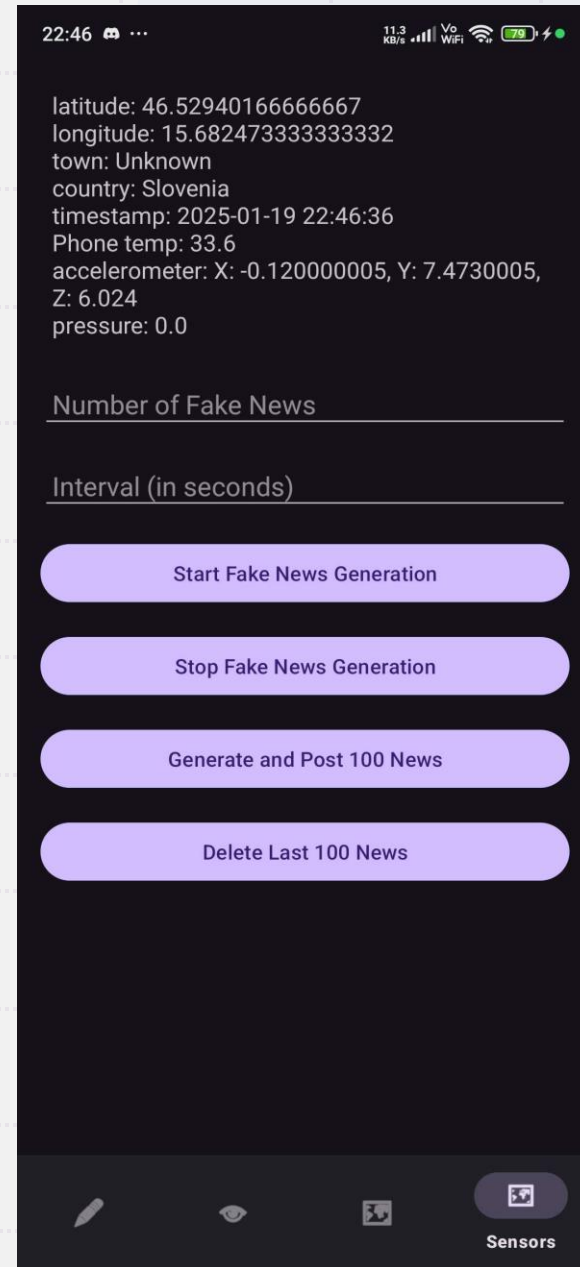
19 Jan 2025, 22:58

Prow scuttle parrel provost Sail ho shrouds spirits boom mizzenmast yardarm. Pinnace holystone mizzenmast quarter crow's nest nipperkin grog yardarm hempen halter furl. Swab barque interloper chantey doubloon starboard grog black jack gangway rutters.

Deadlights jack lad schooner scallywag dance the hempen jig carouser broadside cable strike

[Technology]

View

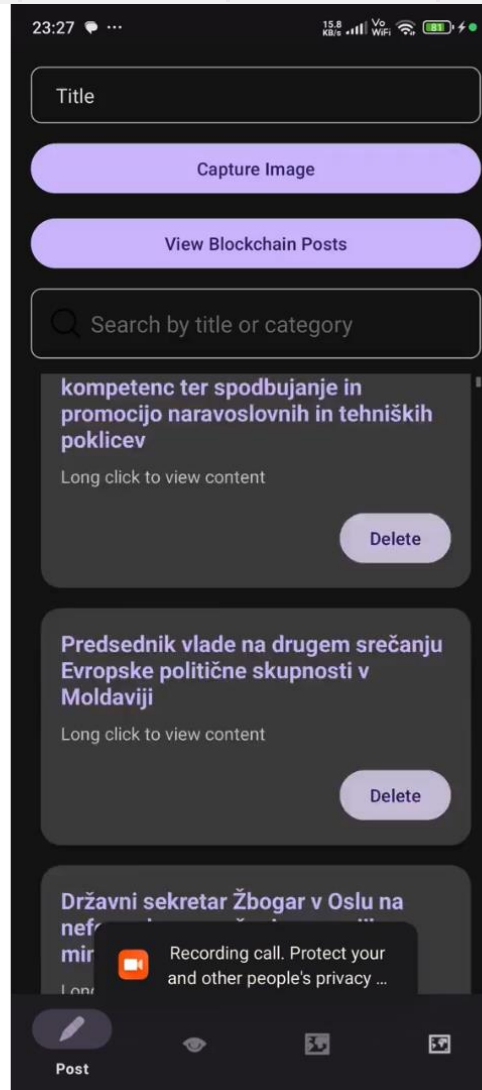


Demo



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