

CGM LAB Sentence Editor

As a user of the fictitious app "CGM LAB Sentence Editor" I want to manage a list of (English) sentences in a visually very pleasant way, having the best possible user experience. A sentence consists of a subject (Anna), a verb (is eating) and an object (a cookie).

The users do not make any mistakes in a grammatical sense, i.e. validation is not required. They can enter incomplete sentences that are missing one or more elements.

The database looks as follows:

```
var data = [{
  n: 1,
  s: 'Anna',
  v: 'is eating',
  o: 'a cookie'
},
{
  n: 2,
  s: 'Henry',
  v: 'does',
  o: 'a handstand'
},
{
  n: 3,
  s: 'Sarah',
  o: 'a pen'
},
{
  n: 4,
  s: 'John',
  v: 'tells'
},
{
  n: 5,
  s: '',
  o: 'a drama'
}]
```

Please implement a control to **visualize** and **edit** the given structure. Features for adding or deleting sentences are not part of the scope right now, but have to be added in later iterations.

All operations have to be implemented against the array above. An empty string should be considered equivalent to undefined.

In the initial state the user should see a visual representation of the sentences in the list that behaves as follows:

hover / touchstart: The state of the sentence (i.e. which elements are **set** or **not**) is presented to the user in a simple way that is optimized for overview.

click / tap: The user can edit the particular values.

- The edit mode is active for at most one sentence at once.
- Third-party libs or frameworks may be used, but please use them with wisdom and if possible an explanation on the usage.
- Creativity and aesthetic in UI as well as clean coding are of importance
- **But most importantly** - feel free to show us what **You** see reading this.