

KAJ Semestrální práce - Dokumentace

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1. Cil projektu

Cilem projektu bylo vytvorit webovou aplikaci, kde by bylo mozne pridavat ruzne boardy pro ruzne projekty a kazdy board by obsahoval sloupce: "to do", "in progress" a "done". Do tech slupcu je mozne pridavat ruzne tasky a vyuzivat "drag and drop" pro presouvani tasku do jineho sloupce. Taky by mela existovat funkcionalita pro editace a smazani boardu a tasku.

2. Postup

Pro vytvoreni aplikace byl vybrán JS framework Angular.

3. Popis funkcnosti

V teto casti budu ukazovat nektere z pozadavku.

Semantické značky

```
<section>
  <h2>Details</h2>
  <div class="close" (click)="delete(selectedTodo)">
    <div class="leftLine"></div>
    <div class="rightLine"></div>
  </div>
  <div>
    <label>
      <mat-form-field class="example-full-width">
        <mat-label>Edit your todo</mat-label>
        <input
          matInput
          placeholder="text"
          [(ngModel)]="selectedTodo.text"
          autofocus
          spellcheck="false"
        />
      </mat-form-field>
    </label>
  </div>
  <div>Date:{{ selectedTodo.date | date: "medium" }}</div>
  <label>
    >Set deadline:
    <input
      type="datetime-local"
      [(ngModel)]="selectedTodo.deadline"
      name="deadline"
    />
    <div></div>
  </label>
</section>
```

Offline aplikace

Aplikace nevyziva zadne externi frameworky a proto funguje offline

Pokročilé selektory

```
.input-container {  
  .delete-icn {  
    position: relative;  
    top: 0;  
    right: 2px;  
  }  
  .delete-icn:hover {  
    color: ■ red;  
  }  
}
```

Vendor prefixy

```
body{  
  width: 100%;  
  height: 100%;  
  -webkit-box-sizing: border-box;  
  -moz-box-sizing: border-box;  
  box-sizing: border-box;  
}
```

CSS3 transformace 2D/3D

```
<h2>Details</h2>  
<div class="close" (click)="delete(selectedTodo)">  
  <div class="leftLine"></div>  
  <div class="rightLine"></div>  
</div>
```

```
.leftLine{  
  width: 20px;  
  height: 2px;  
  background-color: □ black;  
  -ms-transform: rotate(45deg);  
  transform: rotate(45deg);  
  position: absolute;  
  bottom: 9px;  
}  
.rightLine{  
  width: 20px;  
  height: 2px;  
  background-color: □ black;  
  -ms-transform: rotate(-45deg);  
  transform: rotate(-45deg);  
  position: absolute;  
  bottom: 9px;  
}
```

CSS3 transitions/animations

```
@keyframes color-change {  
  0% {background: white;}  
  50% {background: rgb(204, 48, 157);}  
  100% {background: white;}
```

Media queries

```
@media only screen and (max-width: 600px) {  
  .inputForm{  
    padding-left: 35px;  
  }  
}  
@media only screen and (max-width:1100px){  
  .list{  
    padding-left: 0em;  
  }  
}
```

Použití JS frameworku či knihovny

Angular

Použití pokročilých JS API

LocalStorage and DragAndDrop API