

ES6 & HTML5

Project name: place-keeper

General

Remember to use the <section, nav, main, aside, header, footer> semantic elements

Use ES6 throughout your code.

Use the MVC pattern to shape your app, you should have the following services: utilService, userPrefService, placeService

Build a webapp with 3 pages:

index.html

This is a simple home page with a welcome message and links to the other pages

user-prefs.html

Here we will use a <form> to get the user preferences and save them to localStorage.

The homepage should use those CSS preferences.

Step 1 - Colors

Use HTML5 color input to let the user set its background and text color, keep in local storage and respect his choices in next visits.

Step 2 - Date and Time

Use HTML5 date and time inputs to let the user set his exact birth time, when he does show a random astrological forecast (from an array of 3 ready-made forecasts)

Step 3 – Wrap in a form

Put those inputs in a form, and when submit, keep them in a localStorage object: userData

TIP: you will need event.preventDefault in the onsubmit event handler.

Step 4 – Add some more inputs

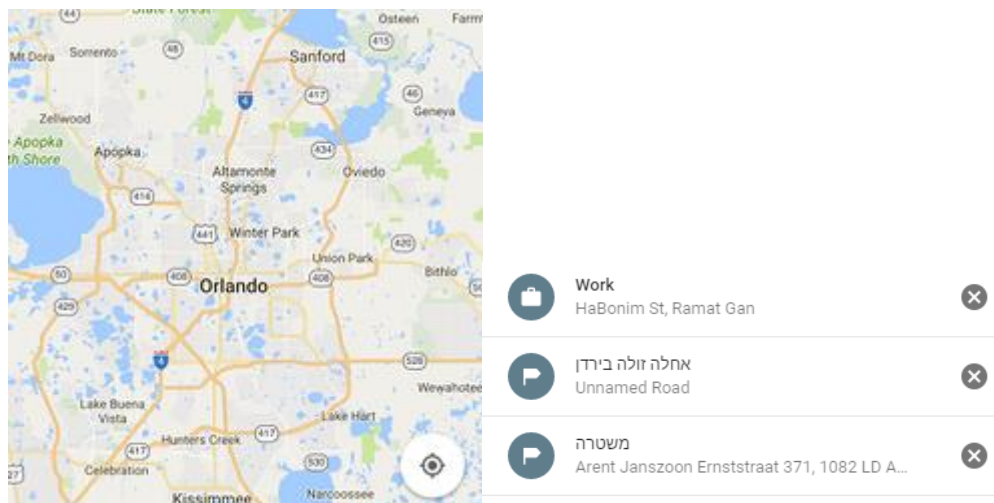
- Add a required email input
- Add a range input to let the user select his age: 18->120

map.html


Here we will show a **map** and allow users to manage their places.

Tips:

- Use the 'create Google Api' doc to create an API key and secure it.
- This ex involves self learning and handling new documentation that we haven't met yet.
- Self learning new technologies is a big part of being a pro programmer!



Steps

- Show a map centered at **Eilat**, when user clicks the  button (*search for "my location png" in google*), get his current location and center the map accordingly.
- When a user clicks on the map, the user is prompted to enter a name and the clicked location is saved to a places array in the localStorage. (BONUS: use inputs)
- Show the list and allow the user to remove a place.
- Use a place-service that manages the place entity, a place object looks like that:
`{id: 123, lat: 32.1416, lng: 34.831213, name: 'Pukis house'}`
- Add navigation links to all pages.