Web Application Programming with Google Maps

You have to program a web application based on Google Maps API that shows the different places a person has visited during a trip. The user interface consists of:

- Five buttons:
  - **Start/Resume trip**: The application starts or resumes (if it has been paused previously) to display a mark on the map every 4 seconds.
  - **Pause trip**: The application pauses to display the marks.
  - **Reset trip**: The displaying of the marks starts again from the first point.
  - **<< Previous**: If the application is displaying the marks, it stops. Anyway, it moves to the previous place.
  - **Next >>**: If the application is displaying the marks, it stops. Anyway, it moves to the next place.

- The map where a mark for each place is shown.
- A box where some information about the places the person has visited is shown at the same time the mark of the place is shown on the map. Therefore, initially this box is empty. And when the user presses the **Reset trip** button, the box has to be emptied.

The information about the places of the trip consists of:

- The name of the place.
- A description of the place.

The information about the places has to be stored in a JavaScript array.

1. **Lublin**
   Nice castle and old city center

2. **Krakow**
   A great city to visit

3. **Warsaw**
   Near places to visit in Warsaw

4. **Brest**
   Forget Brest, there's nothing interesting to visit in Brest!