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Result
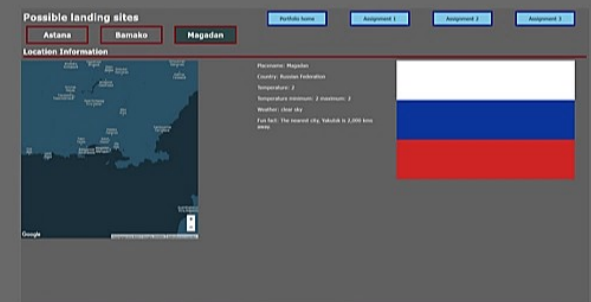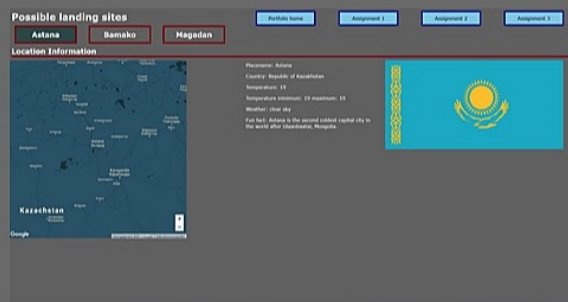

ASSIGNMENT 3: WEEK 6, 7

Recapitulation of the lectures

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Description of assignment

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Results

Interplanetary **T**ransport **S**huttle **I**nterface

Ship status

Current Speed: 9808 M/S

Distance: 18946343/62100000000 Meters

Fuel: 100%

Information

Water Supplies: 1000000 Items

Food Supplies: 1000000 Items

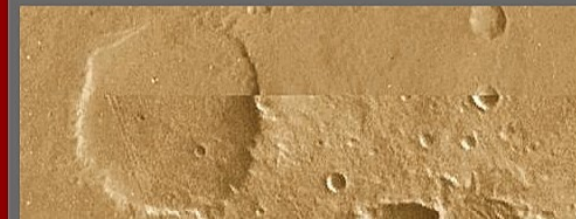**Earth Time: Thu, 20 Apr 2017 12:30:47 GMT**

Starlog

Name:
Name

Date:
DD-MM-YYYY

Message:
Message

Latest Starlogs

Estimated landing zone

Ship status

Current Speed: 8877 M/S

Distance: 21266021/62100000000 Meters

Fuel: 100%

Information

Water Supplies: 1000000 Items

Food Supplies: 1000000 Items

Earth Time: Thu, 20 Apr 2017 12:31:11 GMT

Starlog

Name:

Name

Date:

DD-MM-YYYY

Message:

Message

Submit

Latest Starlogs

Estimated landing zone

Ship status

Current Speed: 9698 M/S

Distance: 23973293/62100000000 Meters

Fuel: 100%

Information

Water Supplies: 1000000 Items

Food Supplies: 1000000 Items

Earth Time: Thu, 20 Apr 2017 12:31:40 GMT

Starlog

Name:
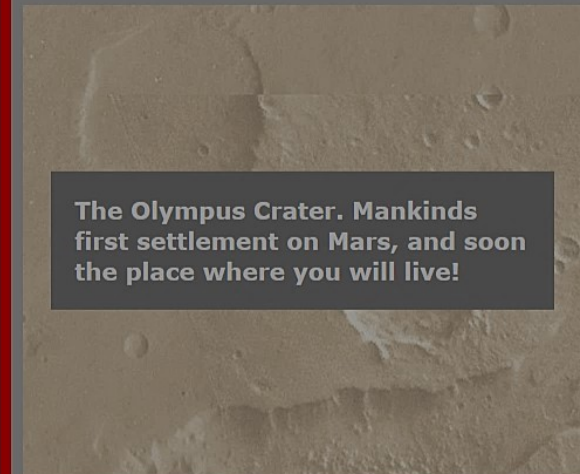
Name

Date:

DD-MM-YYYY

Message:

Message

Submit

Latest Starlogs

asdas

13-10-1944

adasfafafa

Estimated landing zone

The Olympus Crater. Mankinds first settlement on Mars, and soon the place where you will live!

12:35:05

12:35:30

12:36:18

Possible landing sites

Astana   **Bamako**   **Magadan**

Location Information
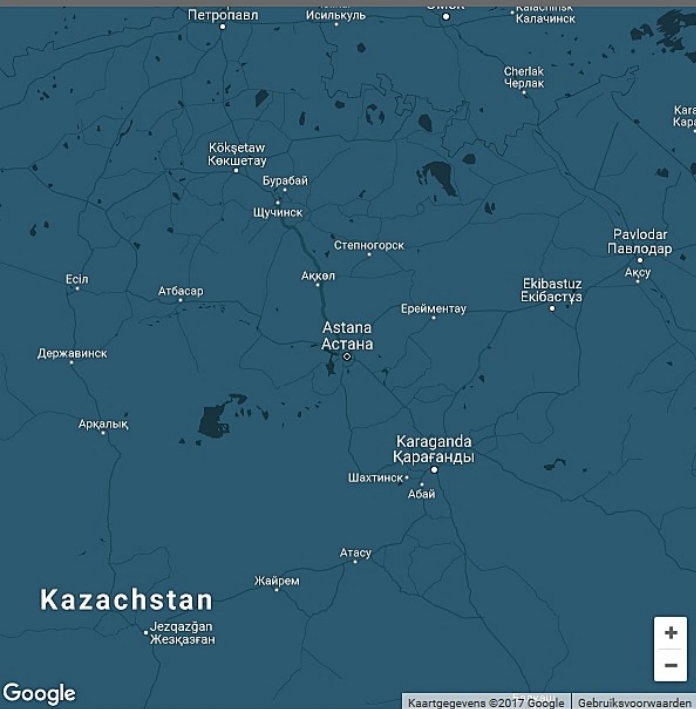
Placename: Astana

Country: Republic of Kazakhstan

Temperature: 19

Temperature minimum: 19 maximum: 19

Weather: clear sky

Fun fact: Astana is the second coldest capital city in the world after Ulaanbaatar, Mongolia.

Possible landing sites

Astana **Bamako** **Magadan**

Location Information
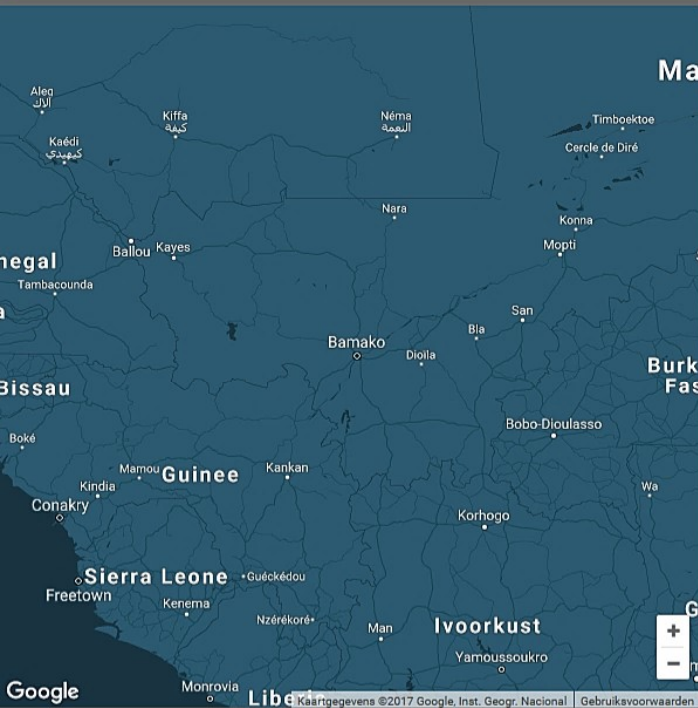
Placename: Bamako

Country: Republic of Mali

Temperature: 39

Temperature minimum: 39 maximum: 39

Weather: clear sky

Fun fact: Bamako was a leading center of Muslim learning under the Mali empire (c.11th–15th century) but by the 19th century had declined into a small village

Possible landing sites

Astana   **Bamako**   **Magadan**

Location Information

Placename: Magadan

Country: Russian Federation

Temperature: 2

Temperature minimum: 2 maximum: 2

Weather: clear sky

Fun fact: The nearest city, Yakutsk is 2,000 kms away.

Portfolio

Disclaimer

Each week's assignments can be found using the menu on the right, this menu will persist for navigation through the assignments, but is not a part of the assignment.
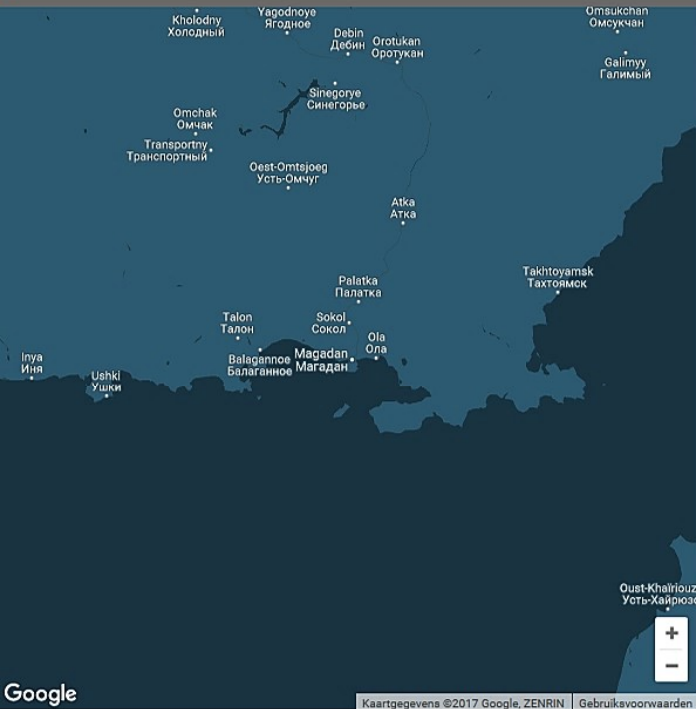
A link to the PDF version of the website can be downloaded here.
A zip file containing all files can be downloaded here.

Student information

Name: Riccardo Waardenburg
Student ID: 16087666

ASSIGNMENT 1: WEEK 1, 2, 3

Recapitulation of the lectures

During the first three weeks I mostly had to fresh up my knowledge of JavaScript, seeing as I already knew it, but hadn't used it in over half a year. The first lecture as such consisted of paying attention to the syntax used to remember the correct way of programming in JavaScript, such as the var declarations, the way conditionals are written (which was pretty much the same as I remembered it) and set me up for further self-study. After week 1 had passed I had already started reading up on the topics for week 2 and 3. As such I went well prepared into week 2 and 3, where I typed along during the lecture and tried to add extra features to see how the page would respond. Due to this I deepened my understanding of the complex data types and DOM manipulation.

Description of assignment

The first assignment we had to make was an interface that a user could gather "real-time" information from. For this we had to access the DOM and manipulate it to do specific actions. For mine I decided to make a bound, pseudo-random number generator that makes a speedometer fluctuate up and down, but tries to balance it around the 10000 mark. I used this number to increment a distance travelled number. Secondly I created a form that the user could fill in. Once filled in, the next field will present the message typed by the user. Thirdly I implemented a simple UTC clock. Lastly I created an image that, once mouse over will present some text to the user, this is all done through JavaScript. I implemented the various elements from the lectures in the assignment through the various event listeners and conditionals that contain the rest of the elements.

Results

ASSIGNMENT 2: WEEK 4, 5
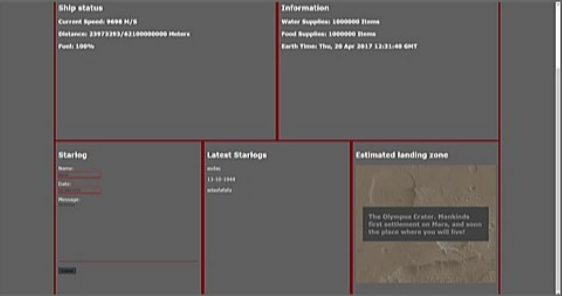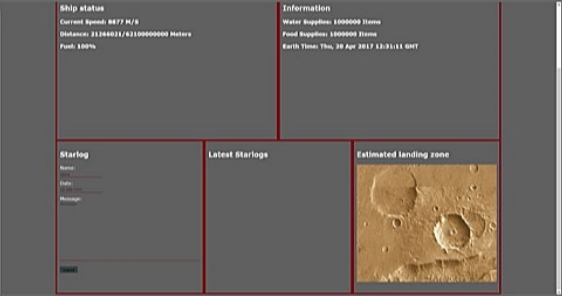
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