

# Web, Mobile and Security

## Lab: VRT NWS (CSS Grid)

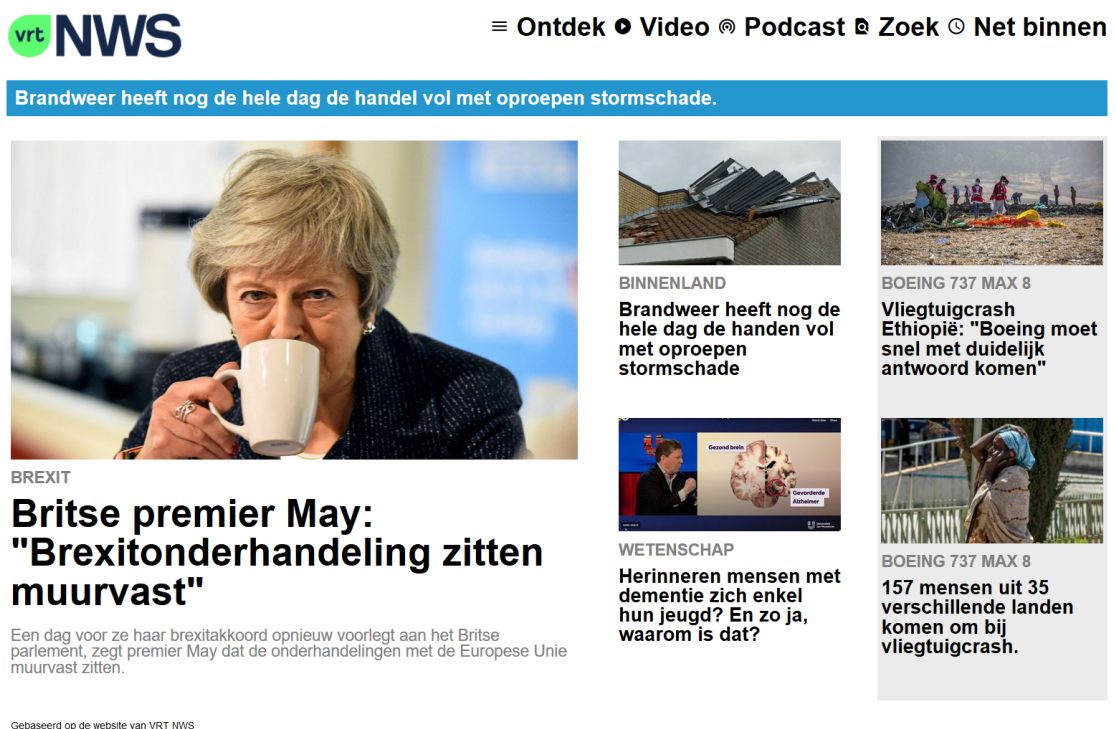
### 1. Creating the project

- Create a new plain project called **vrn-nws** by executing the following command from within your PuTTY:

```
./build-plain-project vrt-nws
```

### 2. Building the actual website

- We will be partially rebuilding a news website (VRT NWS) using CSS Grid technology for the various rows and columns.
- Below is a screenshot of the end result.
- Try to approximate the colours and fonts as much as possible. However, it is not required to reproduce the VRT NWS website to the pixel.



### 3. Suggested steps

- First, determine the grid.
- Make sure to define the necessary and corresponding template areas.
- Assign the corresponding grid areas to your containers.
- Use semantic HTML tags where appropriate. Try to keep the usage of DIVs to a minimum.

- Finish up by setting the correct font size, colour, margins, paddings, adding the icons...
- Do not forget you can use your existing CSS knowledge (such as Flexbox) inside a specific grid area!

#### 4. Generating the top menu icons

- For the top menu, icons have been generated using a Google Font called *Material Icons*.

≡ **Ontdek** **Video** **Podcast** **Zoek** **Net binnen**



- Take a look at the following site to assist you in implementing this solution:

<http://google.github.io/material-design-icons/#icon-font-for-the-web>

- Hint: once you know how to embed the icon font, you can use the following icons to obtain the desired end result:
  - Ontdek → **menu**
  - Video → **play\_circle\_filled**
  - Podcast → **wifi\_tethering**
  - Zoek → **find\_in\_page**
  - Net binnen → **access\_time**