

Project assignment

An aerial photograph of a city at night, showing a dense urban area with numerous lit buildings and streets. A bridge spans a body of water in the foreground. The sky above is dark with some light from the horizon.

Web Development - Advanced Concepts
TFWN19/TFWN14

Background

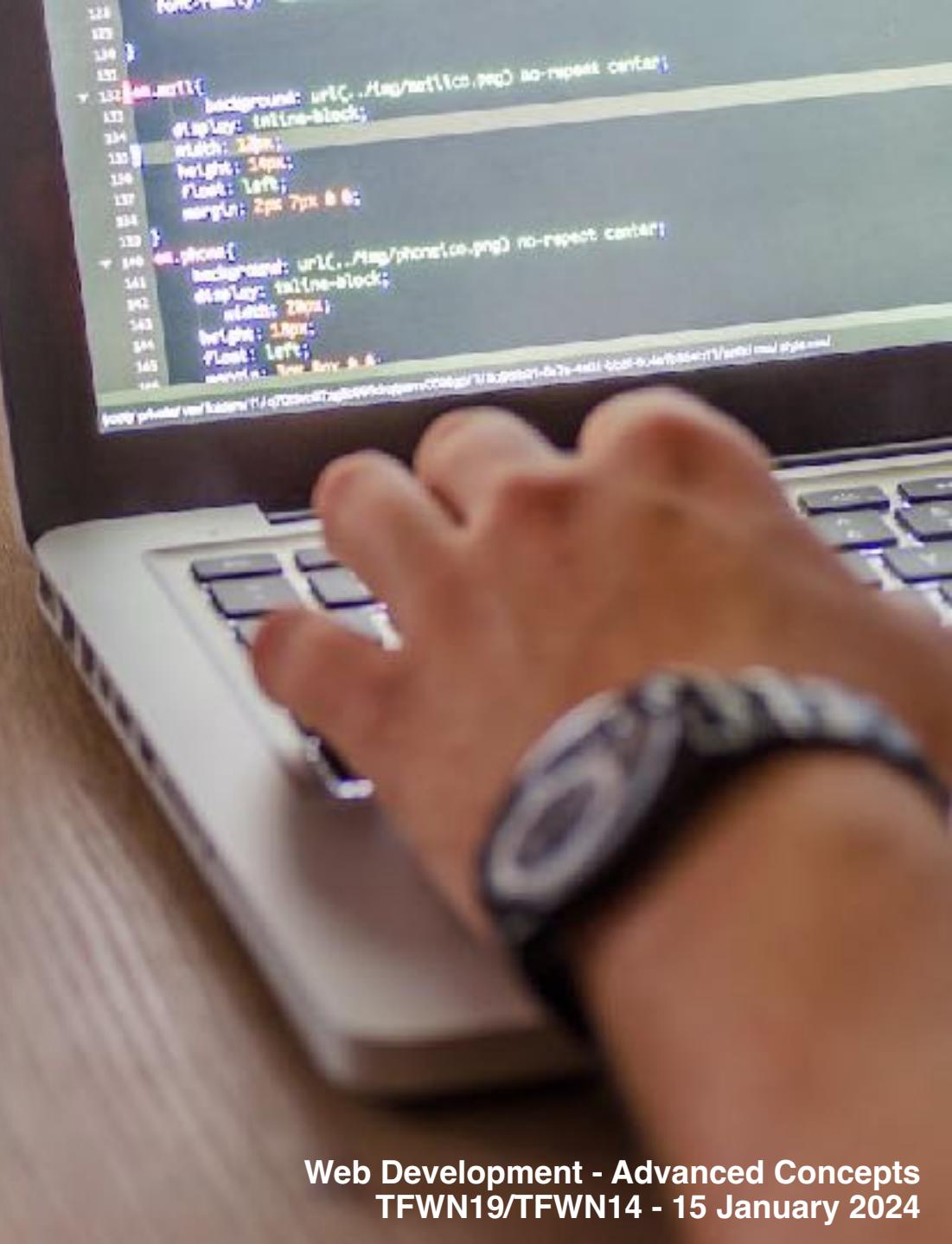
- Jönköping has a thriving city core with shops, restaurants and bars.
- JkpgCity is a government owned organization with the mission to develop and promote the city commerce.
- The web page of JkpgCity contains little to no information about what's going on in the city.



We must be able to
do this better,
right?

Project overview

- Backend
- REST API
- Database
- Docker deployment
- Frontend with venues and information
- Interactive design





Grades

- **Grade 3**

- Basic setup of all parts of the project frontend and backend (and database) with node.js.
- Define API-call using REST connecting Frontend and backend.
- Load the list of venues from the database using a REST API call and show them as overview webpage

- **Grade 4**

- Extend the webpage ability to sort, add, remove or edit the list of venues by using respective forms in the frontend.
- Run the database in a Docker container

- **Grade 5**

- Create an admin account. Be required to login to be able to edit the venue list.
- Extend the dataset with more data about the stores and venues.
- The backend should also be put into a Docker container
- Requirements: Only Node.js and CSS and Docker is allowed. The focus is on gaining deeper knowledge about to use Javascript to interactively manipulate the Websites.

Deadline

- Project timeframe
 - Week 8 – 12
- Deadline for presenting the project
 - Week 12 (the week before exam week)
in your respective lab classes!!!
 - All group members have to be there
to present the project.

