CW1 Internet Technologies

Working in small groups produce a presentation and a short tutorial document on a web technology from the list below (or other by agreement with module coordinator).

API design tools

- Swagger
- FastAPI
- Rapid
- OpenAPI
- hasura

Authentication

- AuthO
- Clerk
- JSON Web Tokens & JWT
- passport
- permify

Serverless apps

- AWS lambda
- Serverless Framework
- Azure Serverless
- jamstack
- netlify

Frameworks

client side

- angular
- aurelia
- angular
- backbone.js
- ember
- flutter
- iris
- marco
- meteor related to blaze
- mithril
- pheonix
- polymer
- sapper
- svelte
- stencil
- vue
- vulcan
- astro
- django
- express
- fastify
- featherjs
- flask
- gin
- hono
- keystonejs
- koa.js
- hapi.js
- next.js
- nuxt.js
- oak
- pheonix play
- ruby on rails
- sailsjs
- spring

server side

Development and Deployment Tools

- codux
- convex
- nhost
- nitric
- wmr

Databases

- arrango
- duckDB
- dynamo
- couchbase
- firestore
- grafbase
- graphQL
- gun
- neptune
- postgreSQL
- supabase
- neo4j
- orientDB
- pocketbase
- redis
- rethink

database object document mapping ODM/ORMobject relational mapping solutions

- article
- waterline
- bookshelf
- objection
- sequelize
- node-orm
- jugglingdb

Runtime environments

- nodejs a javascript run time environment
- Deno A modern runtime for JavaScript and TypeScript
- Bun Fast all-in-one JavaScript runtime

Cloud services

- AWS
- Azure
- Digital Ocean
- Google Cloud
- Heroku
- IBM
- Lightbits
- Oracle Cloud
- Redpanda

Web Analytics

- Google Analytics
- Matamo
- Umami

Always more to add!