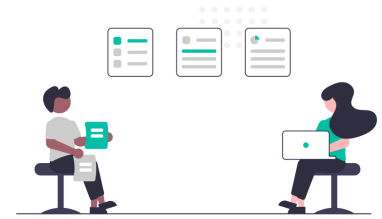SAXION
UNIVERSITY OF APPLIED SCIENCES

Deadlines and assessments

In the end you will hand in one portfolio at the MAIN hand in point. Per course you will deliver a reading guide and hand this in at the COURSE hand in point.

Assignment 1

Backend Research and Prototyping

Research Backend Frameworks.
For example:
- NodeJS / ExpressJS
- Spring Boot
- ASP.NET Core
- Django

UX Research and Prototyping

Going through design thinking phases to create an idea for your app based on (and referencing) research (methods)

Hybrid Research and Prototyping

Research Hybrid Frameworks.
For example:
- Ionic
- React Native
- Nativescript
- Flutter

Week 1-3

40% of your grade

+

Assignment 2

Backend Application and Advanced track

Create a backend for your own system in your chosen framework that fulfills the basic requirements and the requirements for the advanced track.

High fidelity prototype

Create a user experience design based upon your research and your requirements and iterate this design with new insights

Hybrid app Design and Implementation

Create a hybrid app using the chosen framework that uses an external API, is ready for deployment and works on iOS and Android

Week 4-8

60% of your grade

=

ASSESSMENT

Backend Development	Design Essentials	Hybrid Development

You will deliver:
* Full portfolio including (but not limited to): FD/TD/code/tests/presentation

The assessment will take approx. 30 minutes per couple
* 10 minutes in which you present (and demo!) your full-stack application and choices
* 15 to 20 minutes in which teachers will ask you questions.

The grade will be based on your full project - with input from each teacher on specific aspects.