**Main task**

The Cross-platform development application frameworks are powered by Node.js. This platform offers web designers and developers a way to take their existing skills for crafting web apps and interfaces and apply them to building desktop apps. The frameworks (NW.js and Electron) also support shipping apps for Mac OS, Windows, and Linux from the same codebase.

**Task is**

Design and develop a cross-platform desktop application using HTML, CSS, and JavaScript language along with supporting technologies of your choice, such as jQuery, XML, and AJAX. The cross-platform desktop development application should be developed using NW.js or Electron frameworks. An executable version of the app needs to be built for different OSs.

**FIRST CHECKPOINT:**

Choose an area of interest to motivate and design your cross-platform desktop application. You must present a specific problem, from your area of interest, which your application will provide a solution for.

You need to provide the main goal of the application and its functionalities. The application must contain at least two of the following functionalities:

● Different screen modes

● File browser

● Dragging and Dropping

● Webcam

● Data storage and retrieval

**SECOND CHECKPOINT:**

You are asked to develop the application that you picked and designed in your First Checkpoint. You need to build the executable of your application for the different Operating Systems and make a DEMO of your application (max. 10min)

**SPECIFIC REQUIREMENTS:**

Software Documentation

You must provide a document (max 1000 words):

✔ Functionalities: list the main functionalities of your project and explain the logical decisions.

✔ Testing section: provide proof of your applications working on different Operating Systems.

✔ Conclusion and future work