**DAST Tool for the todoapp**

**What is DAST**: DAST stands for Dynamic Application Security Test, it tests your application for runtime vunlerabilities, it acts as the hacker would do. The app needs to be running before it starts scanning.

**Some key Features of DAST (explained superficially):**

-1- black box testing: it does not need your source code, as it interacts with the running application.

-2- The process is totally automated.

-3- Real attack simulation.

-4- language agnostic: the programming language does not matter.

**Some downwards of DAST:**

-1- it can not analyze the source code. (will only tell you the problem it will not tell you where is it or how to fix it )

-2- any threat or vunlerability in the code is missed.

-3- sometimes it might report a vulnerability that does not exist or the opposite.

z.B: a false negative: there is a real vulnerability but the DAST tool is not reporting it

or a false positive report: there is no vulnerability in your code but the DAST tool is reporting an error based on the outer behavior of your app, even though you are using the right security measures.