

Assignment - 8 of 12 Factors

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MSE, Software Engineering

1 Context

Design a microservices of your choice. Please select a domain or usecase, based on your working experience or private interests. Explicitly try to reflect at least eight of the twelve factors, described at `12factor.net`.

You can choose the technology freely, which you want to use to implement this service. Please keep in mind that the microservice should be executable on any machine — the only precondition is a docker runtime. Describe how to start the service and provide scripts, if needed.

2 Expected Uploads

Contents that should be part of the Moodle upload:

- **Your containerized Service:** The microservice which at least implements eight of the twelve Factors from `12factor.net`. If you cannot achieve all eight, please describe how you would implement them.
- **`readme.md`:** A detailed description how the service can be executed. Please bear in mind that you can only expect a docker runtime on the executing machine.
- **`factors.md`:** Provide an explanation which factors you have implemented, and how you achieved the given goal.