

# Coding Assessment

## A Simple Task Management System

Create an application using RESTful Web API for managing simple tasks. The application should support creating, updating, removing, and fetching tasks. It should also warn the user through logging or any other form of communication 15 minutes before the task expires . A task has at least a title, a description, and an optional expiry date. The API should pass data in JSON format only.

As part of the design and implementation, you have the freedom to decide the followings:

- Routing (URL paths)
- Data storage
- Programming language, although we recommended Python
- Framework and libraries

What we look for from the assessment:

- Good documentation
  - Brief project introduction to orientate future contributors
  - Easy to understand design overview focusing on the why and what
  - How to install, compile and test
- Good general engineering practices
- Code that shows good maintainability, extensibility, testability, and readability

If you are not clear in any part of the requirement, feel free to make reasonable assumptions.

*Good luck with the assessment!*