



## Case - Software Engineer (Python)

### Introduction

Thank you for your interest in Star Stable Entertainment! This is the next step of the recruitment process for the Software Engineer role.

The purpose of us having this assignment is to help us to have a fair and unbiased process when we assess the candidates. We will use the answers to the assignment as a foundation for discussion further in the process where we will talk about your solution and further development. We believe this assignment can be done in an average of 2-3 hours. Do not feel forced to complete all the requirements below if you hit the time limit.

### The task

Language: Python

Framework: Whatever you are comfortable with (ex. FastAPI).

The goal is to design and implement a API for to-dos

### Requirements

- Create a to do containing a text of what to do.
- Mark a to do as "done" or "not done".
- List all to dos.
- Filter to dos on "done", "not done" and/or contains text.
- Delete a to do.
- Run the API locally.

*How you design the API and how you store the todos is up to you (in-mem, sqlite, db in docker, etc.).*

### How to present your answers

Publish the code to a public repository that we can access.

### Questions?

If you have any questions or get stuck, please reach out to Ina at [ina.berntsson@starstable.com](mailto:ina.berntsson@starstable.com) or Maryam at [maryam.rezaei@starstable.com](mailto:maryam.rezaei@starstable.com).

**Good luck and have fun!**

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