

## Email Notification Sender: Back End

Your task is to build the back end of a web service for sending email notifications. This will be an API service that a client would communicate with. The deliverable is the source code, written in Python, using whichever libraries, tools, database(s), and development methodologies you choose.

The requirements intentionally leave out many details. This is an opportunity for you to make decisions about the design of the service. What you leave out is just as important as what you include!

### Product Requirements:

- Clients should be able to send an email notification by sending a POST request to an API.
- Clients should be able to optionally attach a file in the email notification.
- The notifications should be sent asynchronously by a separate worker program that reads from a queue.

### Project Requirements:

- The project should include an automated test suite.
- The project should include a README file with instructions for running the web service and its tests
- You should also use the README to provide context on choices made during development.
- The project should be packaged as a zip file or submitted via a hosted git platform (Github, Gitlab, etc).