Technical Assessment

Red Hat infra M&A

Flask API development

1. Write a Flask application implementing a REST API to serve the content of the `colors.json` file. Feel free to add any framework/library which you think is necessary for this purpose. The user should be able to perform the following operations:

   - Retrieve the whole list of colors
   - Retrieve a single color from the list
   - Insert a new color into the list

2. Write automated tests for the API. You can use any tool/framework which you think is necessary to do that.

3. Prepare your application to be deployed and executed in a containerized environment, using `podman`. Provide the needed files for the deployment.

4. Provide documentation for deployment and utilization of the API. You may use any kind of format for the documentation.

You may send the files or a link to a git repository with the files.