

Evaluation development task.

Description.

Next languages and technologies, which should be used in the task:

- Python, Pyramid (or other Python web framework) or Nodejs
- React Admin
- Docker (Docker Compose)
- Websockets.

Solution consists of 3 components, which are connected with each other:

1. Simple website with several pages, theme/style is up to you. End-user gets its own id number, which is stored in cookie. For each web page visiting, information of {end_user_id, web_page_url} is sent to a server (second component).
2. Server gets the information from the first component and sent this information to the third component via websocket.
3. React Admin website, which gets the information from the server {end_user_id, web_page_url} and list this information grouped by end_user_id. It is up to you how to present the information.

Solution should be put into the docker container/s. To test the solution, docker container/s should produce 2/3 urls with different ports: url for Simple website, url for React Admin website.

References.

Pyramid python web framework: <https://trypyramid.com/>

Nodejs: https://nodejs.org/docs/latest-v13.x/api/synopsis.html#synopsis_usage

React Admin: <https://marmelab.com/react-admin/Readme.html>

Docker: <https://docs.docker.com/get-started/>