Graphical Admin Interface for Creating New Connector Instances
(Configuration Generator)

WEBSALE creates online shops – with passion. For over 25 years, we have been helping our customers succeed in e-commerce. As pioneers, we established the first cloud-based online shops in Germany. With our combined offering of e-commerce software, including support, hosting, and our own agency, we ensure functional e-commerce processes and support the growth of our customers.

Task:
The WEBSALE Connector facilitates the integration of the WEBSALE shop software with systems like ERP and PIM. As middleware, it enables flexible, secure, and efficient integration. To improve the use and configuration of the Connector, a user-friendly graphical admin interface is to be developed, allowing administrators to easily create and configure new Connector instances.

Tasks and Milestones:

- **Requirements Analysis:**
  - Understand the needs and requirements of users (administrators) who will create and manage the Connector instances.
  - Gather requirements through interviews and analysis of existing processes.
- **User Interface Design:**
  - Design an intuitive and user-friendly graphical interface that covers the entire configuration process.
  - Create mockups and prototypes to visualize the user interface.
- **Implementation of the Admin Interface:**
  - Develop the graphical interface using appropriate frontend technologies (e.g., HTML, CSS, JavaScript, React, Angular).
  - Integrate the interface with the existing Python-based Connector framework and APIs.
  - Ensure support for configuring various functions of the Connector, including data import, authentication, data formats (XML, JSON, CSV), data mappings, synchronization, conflict detection, and error logging.
- **Testing and Validation:**
  - Conduct usability tests to check the user-friendliness and functionality of the admin interface.
  - Implement unit tests and integration tests to ensure the quality and reliability of the solution.
- **Documentation:**
  - Create comprehensive documentation of the admin interface and configuration processes.
  - Provide user manuals and technical documentation for administrators.

Requirements:

- Knowledge in developing web applications with HTML, CSS, and JavaScript.
- Experience with modern frontend frameworks like React or Angular.
- Knowledge in software development with Python.
- Experience in developing and using APIs.
- Analytical skills and a structured approach to work.

What You Can Expect from Us:

You will be assigned to one of our developers who will take care of you during the semester via regular 1-to-1 meetings (online or offline) and support you in the project. We are very flexible in terms of working time and, of course, will stay within the boundaries of the ECTS limit of the IDP.

What We Expect from You:

If you can work independently and want to do something hands-on, then we are your partner! Besides the regular meetings, you will have complete freedom in terms of time management. It's your project!

Contact Information:

At WEBSALE, your performance and personality matter. We value diversity and encourage applicants from all walks of life to apply.

Do you have questions? Feel free to contact Vera by phone at +49 911 6322 1629. Are you interested? Then apply now at Bewerbung@websale.de. We look forward to getting to know you!