CHARGEPARK PORTAL: DISTRIBUTION OVER THE CHARGING POINTS

identIT

THE RISE OF ELECTRIC VEHICLES

With the rise of electric vehicles in their fleet, IdentIT wants to develop a system to ensure that the distribution over the charging points is as efficient as possible. The goal is to provide a portal where both employees and fleet managers can keep an overview. IdentIT wants to use the ForgeRock Identity Stack as a CIAM platform for this. This assignment emphasizes identity managed objects, role management and authentication.

THE INTERNSHIP

WHAT WE EXPECT FROM YOU

Minimum viable product

The design of the solution must meet the following requirements:

- A portal where both employees and administrators can log in and the current status of the fleet can be found.
- Employees must be able to register their account and car dynamically.
- Authentication on the portal must be delegated to the ForgeRock platform.
- Charging stations, vehicles and user accounts must be managed by fleet administrators with the appropriate rights.
- Vehicles must be simulated via a client application that starts the load.

Optional

- Reservation system
- Extension to guest mode for non-employees

Technologies / Concepts involved in this assignment

- ForgeRock IoT
- Identity and Access Management
- Federation protocols
- Development with emphasis on security

Deliverables

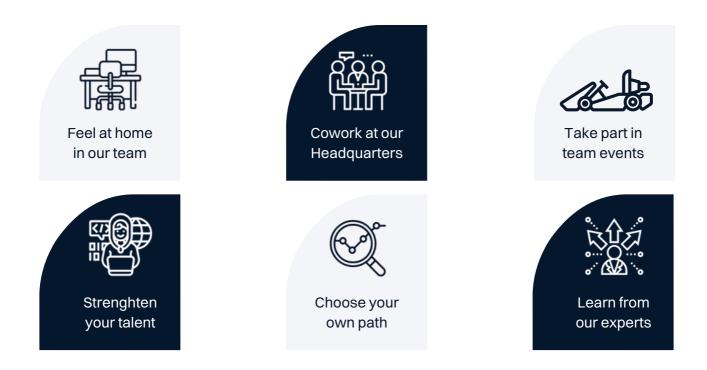The following delivery is expected at the end of the assignment:

- (Technical) analysis of the problem statement
- Architecture of the required components
- Implementation that meets all stated requirements
- Demo of the end-to-end solution
- Documentation

ABOUT IDENTIT

IdentIT is a Consumer Identity and Access Management (CIAM) focused company. Our mission is to enable our client's consumer identities in the digital world whether these are customers, other companies, or citizens. As we continue to grow and expand our offerings, we are looking for talented people to join our team.

At IdentIT, we are dedicated to helping our team members achieve both personal and professional growth. Whether you're an IT pro or just starting out, we give you the opportunity to develop your skills and excel in your areas of expertise. We value continuous learning, teamwork, and supporting each other's growth, because we know that together, we can achieve even greater things. Plus, we have a lot of fun along the way – after all, why shouldn't work be enjoyable? If you're ready to take launch your career and reach your full potential, join the IdentIT team and be a part of our CIAM success story.

WHAT YOU CAN EXPECT FROM US

Feel at home in our team

Cowork at our Headquarters

Take part in team events

Strenghten your talent

Choose your own path

Learn from our experts

"Coming together is a beginning, staying together is progress, and working together is success."

- Henry Ford

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