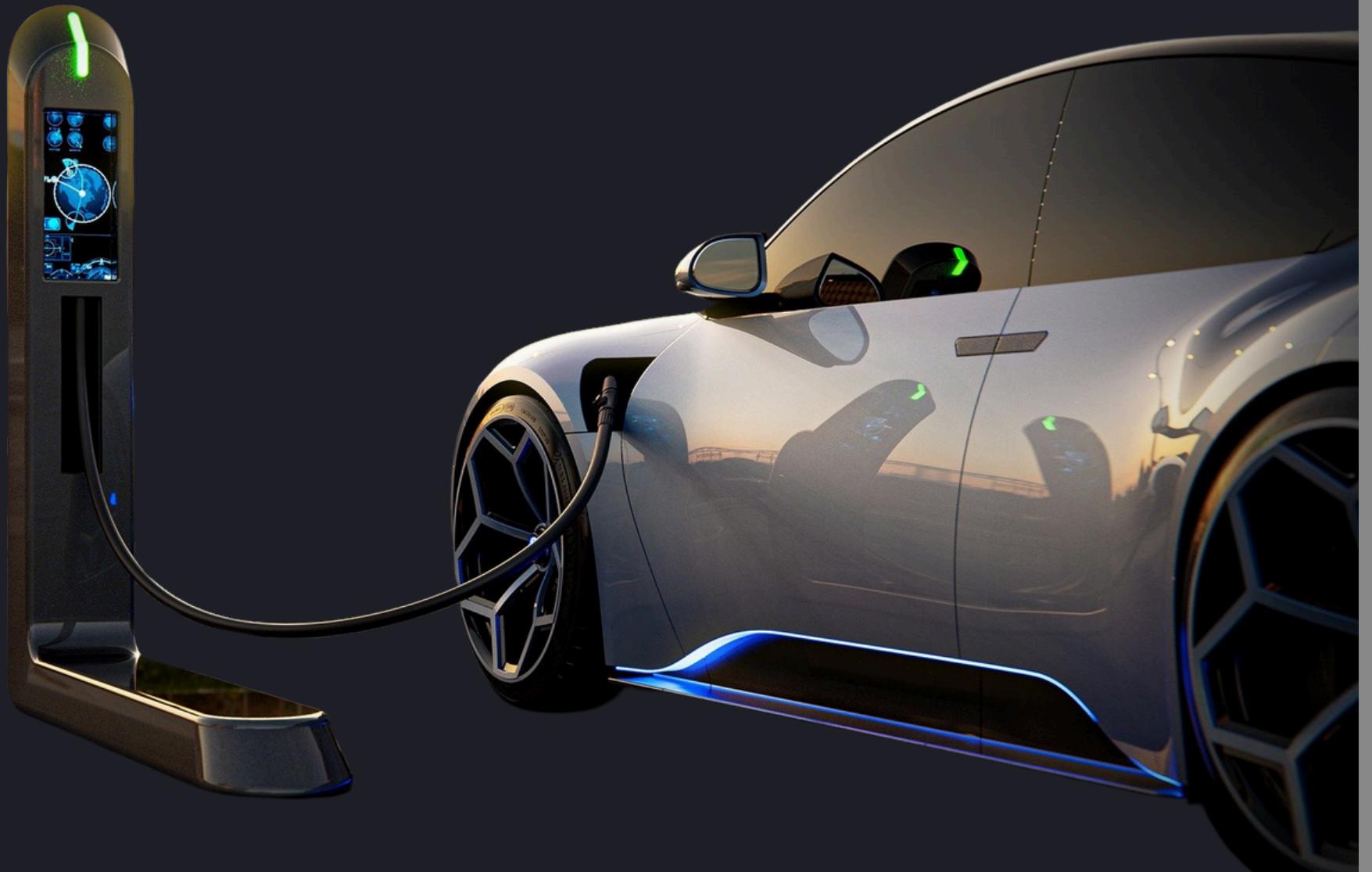




PLUG
IT

Version 3.0



Group 6: Ade Aiho, Heta Hartzell, Mika Laakkonen, Jonne Roponen

SPRINT 3

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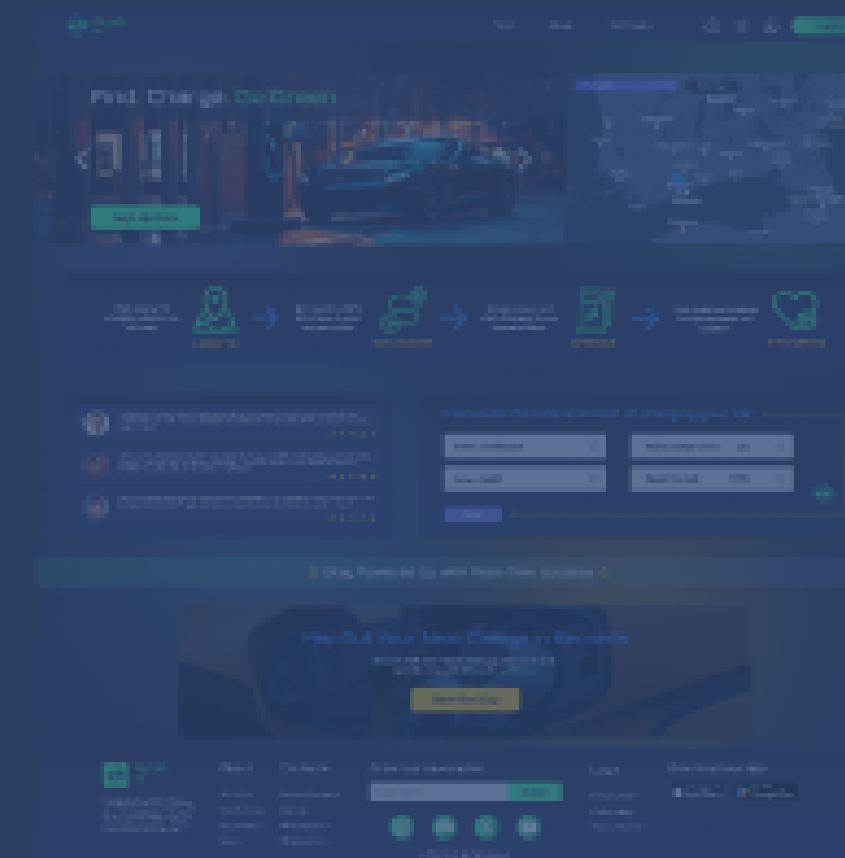
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Prototype Review

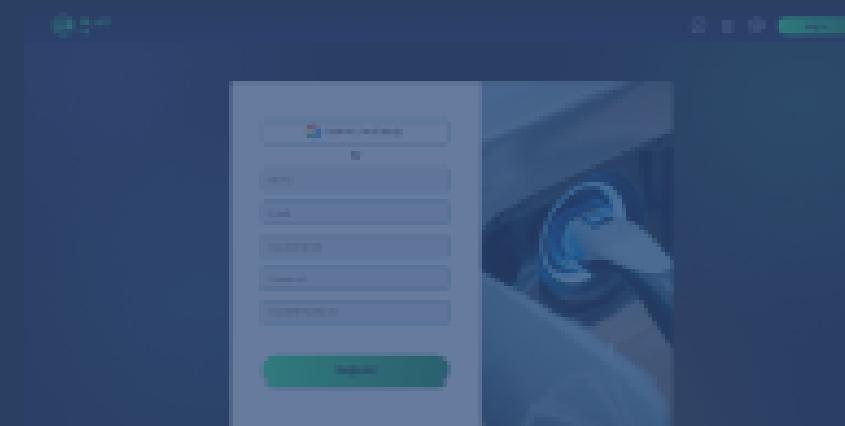
Map Interface



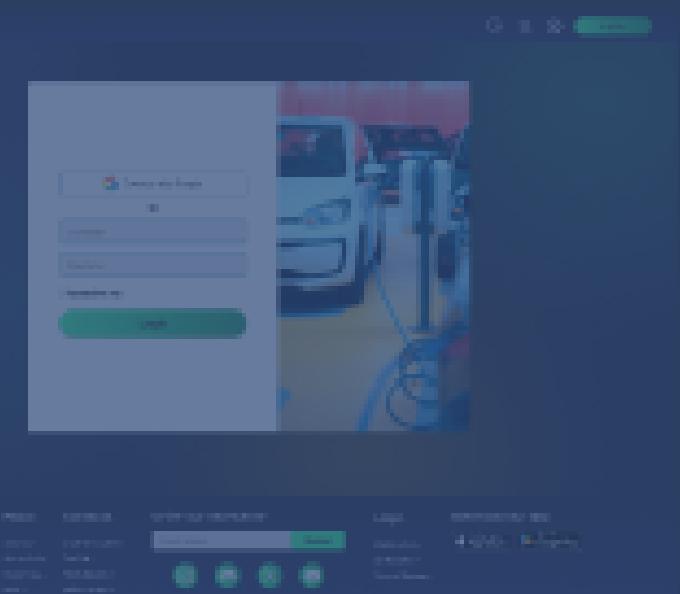
Homepage



Registration Page



Login Page



My Page



Final
Product:

Progress Discussion

Tasks remaining review:

- FE-BE connection ✓
- User authentication ✓
- Cost calculator feature ✓
- MyPage features ✓
- Refining user experience ✓
- Information page ✓
- Footer links ✓
- Testing ✓

New features:

- Images are saved to the database
- Reviews and contact form
- Map filtering (WIP)
- Admin user with useContext
- Minimap for home page

Challenges faced:

- API monetization and pricing requirements limited the selection, preventing us from implementing availability feature
- Persisting images to the database, as files require special handling for storage
- Deploying the frontend



The prototype aligns exceptionally well with our vision, incorporating new features and improved logic.

Sprint Ceremonies

Daily Scrum

- Were held on most days, including the weekends
- Felt natural and seamlessly integrated into the development cycle
- Varied in length, with some days involving quick updates, and on others, group members shared insights and provided assistance to tackle challenges

Sprint Review

What was accomplished:

- A working product, with useful features for an EV driver
- Our group established a strong workflow and mutual understanding, ensuring that everyone stayed informed about each other's progress and contributions
- Our application offers a pleasant and well-planned user experience, emphasizing intuitive design and seamless navigation with a clear navbar and footer
- The application is fully responsive and adjusts to different screen sizes

Sprint Retrospective

Loved - feelings of accomplishment, group work, seeing the final product, solving issues, all group members contributing to both the backend and frontend development, ensuring a collaborative effort across the full stack of the application

Loathed - deployment issues, time limit

Longed for - clear deployment instructions from the start

Learned - working with a full stack application, managing a product backlog, group work and task distribution, a good foundation to start working with React

Team Contributions

Ade Aiho

- Map geolocate functionality
- Integrating fetched data from the OCM API to the frontend map
- Adding users GPS location based marker to the map
- Electricity price calculator
- Reviews fe-be integration
- Infobox functionality

Heta Hartzell, PO

- Admin rights with useContext
- Presentation slides
- Landing pages for footer links
- Contact form handling fe-be
- Product backlog updates
- Server tests
- API documentation and styling

Mika Laakkonen

- Map filtering logic fe-be, sorting fetched data
- Persisting images to the cloud
- Saving and retrieving users favourite stations fe-be
- Login and signup features
- AuthContext
- fe deployment

Jonne Roponen, SM

- Minimap for homepage
- Infobox functionality with styling
- Reviews be with testing
- Review styling functionality
- Calculator styling
- Mypage styling and function
- Scrum master duties
- UX design



Thank you!

