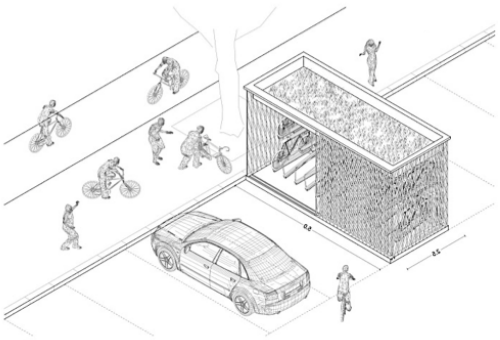
Project Summary - Bike Nest

Project name	Bike Nest
Project mission	The mission of this project was to develop a functioning, end-to-end show-case involving the development of a prototype app and web application that interacts with the respective hardware components (main door and bike lock) of the BikeNest. The app allows users to find free parking spots in BikeNests nearby, that let them securely store their bikes until they return to pick them up.
Industry partner	Markus Stipp / Start Up
Team logo	BIKE NEST
Project summary	The project was a great success. The early stage of the project consisted of a thorough requirements analysis, defining all features that were needed for the prototype. After the foundation was established the next steps included deciding on an overall design for the application, as well as setting up the software architecture. After the individual functions had been implemented, the project was extended to serve a link to the respective hardware. Finally, the project concluded in a fully functional prototype and a hardware connection via a Raspberry Pi to the gate motor.
Project illustration	**BikeNest is a mobile bike storage service, that can be accessed through an application developed by the AMOS Team**  

Team photo	 
Project repository	https://github.com/amosproj/amos2021ss07-bike-nest
Additional information	Members of the AMOS BikeNest team expressed great interest in continuing the project and further developing the prototype until its first launch and beyond. A first get together to evaluate the future of the project is already in planning.