



Project 7: BikeNest

Project Goal

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Document Author:

Lisa Gebauer

Document Reviewers:

Lukas Meister

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1. Project Vision

The number of bicycles in Germany has increased steadily in recent years. However, we are also seeing an ever-increasing rise in bicycle thefts (Statista, 2020). With BikeNest, we want to offer people the opportunity to safely park their bicycles in the most convenient spots throughout the city and enjoy additional services like charging opportunities for e-bikes.

2. Project Mission

The mission of this project is to develop a functioning, end-to-end showcase 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.