

Mines CS Summer Field Session Proposal:

[SpaceLink] by Boss Ventures LLC

Helping space owners unlock new sources of revenue and renters find the perfect space!

Business Description:

[SpaceLink] is a platform designed to facilitate the rental of underutilized commercial spaces, catering specifically to business owners with unused space and entrepreneurs seeking flexible lease arrangements. [SpaceLink] leverages technology and innovation to address the growing demand for flexible workspace solutions in today's dynamic business environment.

The White Stag + Caff's Deli: SpaceLink's Inspiration



The White Stag is a local Irish pub. Their commercial space includes a kitchen, which they do not use. They do not serve food and have no desire to hire a kitchen staff.

Recently, the owner of the White Stag, heard about SpaceLink, and decided to give it a try...



Caff's Deli is local pop-up sandwich shop. To expand their business, they are looking for a commercial kitchen, which will give them the space to prepare catering orders.

Caff decides to use SpaceLink to rent a kitchen and expand his business...

Project Description:

Location: Remote, team meetings conducted online

Team Size: 3-5 students

Desired Skills:

- Web-based and native-based app development
- Backend development
- UI/UX Design
- Real-time data integration
- Internal analytics dashboard
- Booking platform and messaging platform development

To facilitate the connection of commercial space owners and space renters, we propose an app that can be supported on the web or natively on smart devices:

The App will provide:

- Two distinct user flows, one for Space Owners and another for Space Renters
 - Both should allow user profile setup and business profile creation
 - Space Owners must be able to list their available space for rent, provide pictures and descriptions, list attributes, and message potential renters
 - Space Renters must be able to search available listings and message with Space Owners
- Search features focused on user experience:
 - Map integration for visualizing space locations and amenities
 - Customizable filters for refining search results based on specific criteria
 - i.e., location, square footage, equipment and amenities available, etc.
 - Two-way rating system to build trust and reputation within the community
- Streamlined End-To-End Booking Process: The platform should be user-friendly and simplify the process of finding and booking underutilized spaces.
 - Integrated calendar functionality for easy scheduling and availability management
 - Secure messaging system for communication between space owners and lessees
 - Payment processing and auto-lease generation
 - Booking confirmation and history

Intellectual Property & Proprietary Information:

Students will be asked to sign a proprietary information and intellectual property assignment agreement. Intellectual property rights to all code, data, and documentation will be retained by Boss Ventures LLC.