
Project Charter

Subleasing Application

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Team 9

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Problem Statement

Currently, there are many individuals at Purdue searching for subleases. Many times, people will put their advertisement up on Facebook or an apartment selling website only to have no one look at the post. A person may even be undersold by their own website, giving preference over renting long term than subleasing. This creates many unnoticed opportunities that individuals in Lafayette and West Lafayette miss out on. Our aim is to streamline this process and make it much easier for an individual to lease and find an apartment.

Project Objectives

- Produce a web application that:

- Allow users to view a list of available sublets around Purdue Campus
- Allow users to post a sublease
- Allow users to view subleases on a map
- Allow users to communicate with sublet posters
- Allow users to login in order to save posts, post sublets, or communicate with other users
- All features included in an intuitive and easy to use interface.

Stakeholders

Users: People who are looking for a sublease around the Purdue University campus

Developers: Michael Vieck, Josh Newlin, Joel Van Auken, Jeremy Lehman

Project Manager: Michael Vieck

Project Owners: Michael Vieck, Josh Newlin, Joel Van Auken, Jeremy Lehman

Project Deliverables

- A web application that provides the user with access to view or post sublets around Purdue Campus (Angular, .NET Core).
- An intuitive interface that makes posting, viewing, and replying to posts easy (HTML, Angular).
- Service to that aggregate posts from other websites such as craigslist or facebook (python)
- RESTful API to access retrieve, create, and update sublease postings (.net Core)
- Service to handle messaging between users (SendBird)