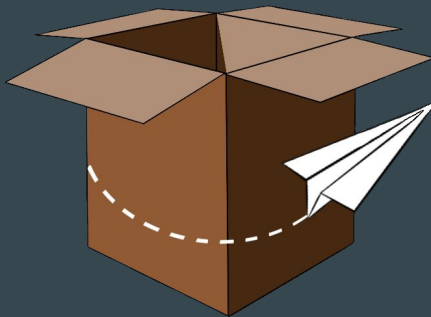


# AirStorage



Team 11: Jasmyne Jean-Remy, Shi Qiu, Federico Berlfein, Aichuk Tripura

# What is AirStorage?

*A web application for storage space rental services*

Potential customers are split into **Users** and **Hosts**

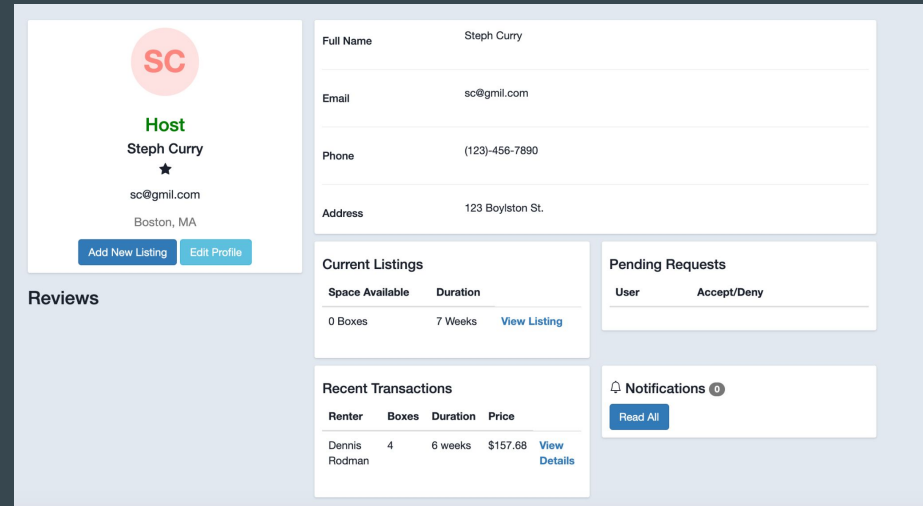
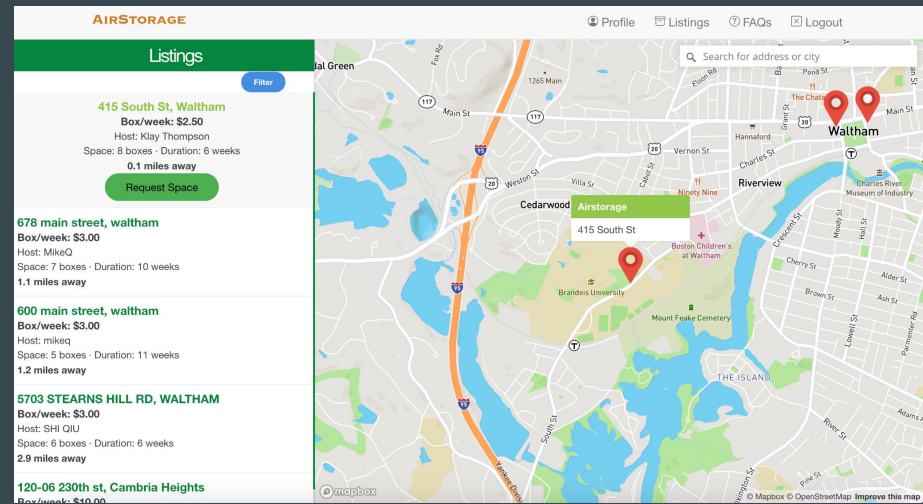
**Hosts** can list their extra space in their houses at a desired price

**Users** can search for available rental options with price range, available volume and distance. **Users** can apply to some host for their rental options.

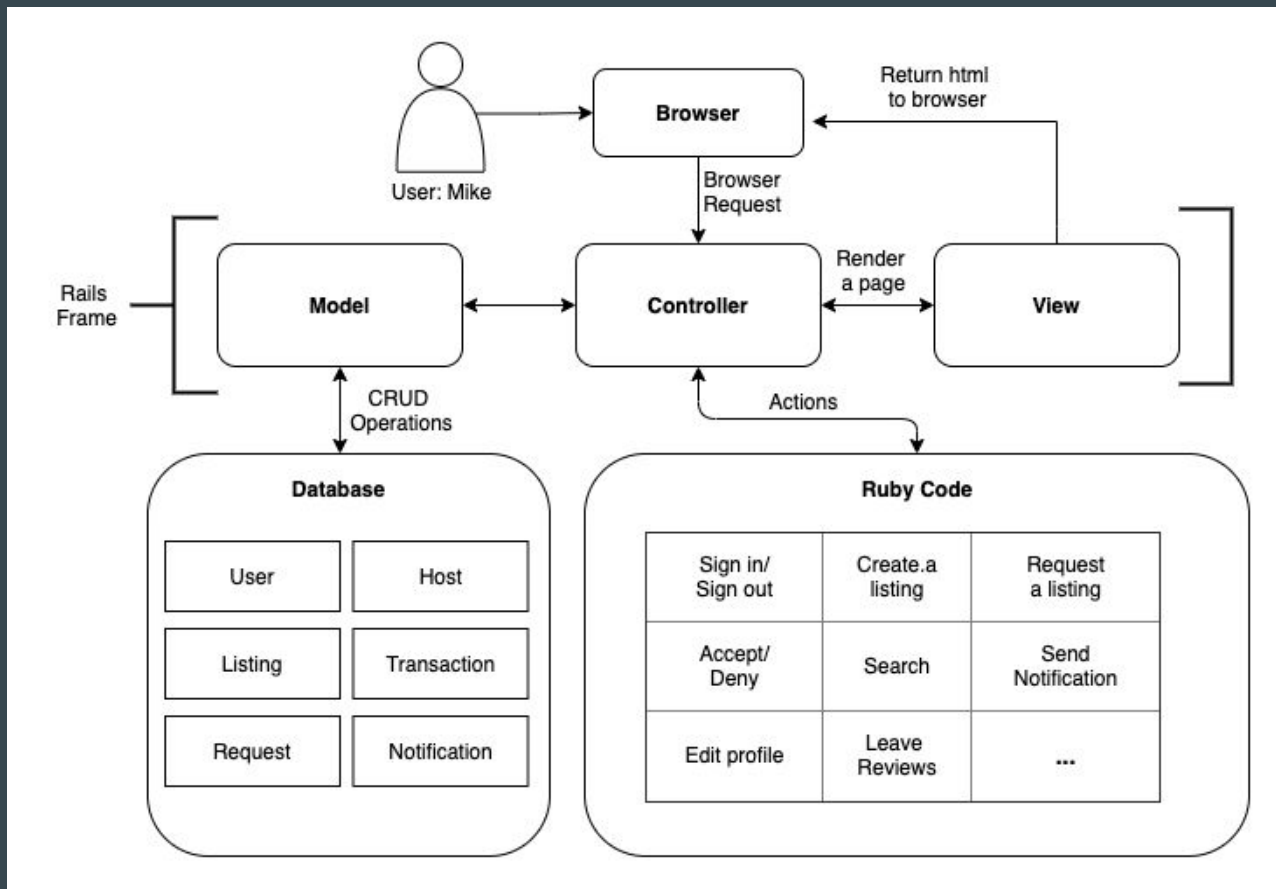


# Important Features

- Users can **search** for available listings near them using **map API**
- Users can add **reviews and ratings** to hosts
- Notification system** for listing requests
- Hosts can **edit/view** current and previous listings



# Application Architecture



# Major Database Schemas

**Host:** Contains Host objects and personal informations, such as email, name, phone number, address and so on.

**Users:** Contains User objects and personal informations, such as email, name, phone number, address and so on.

**Transactions:** Contains a listing\_id, user\_id and host\_id. It represents a successful connection between a host's rental option to a user's request.

**Listings:** Contains a host\_id, price, durations and etc. It represents a rental space option offered by a host.

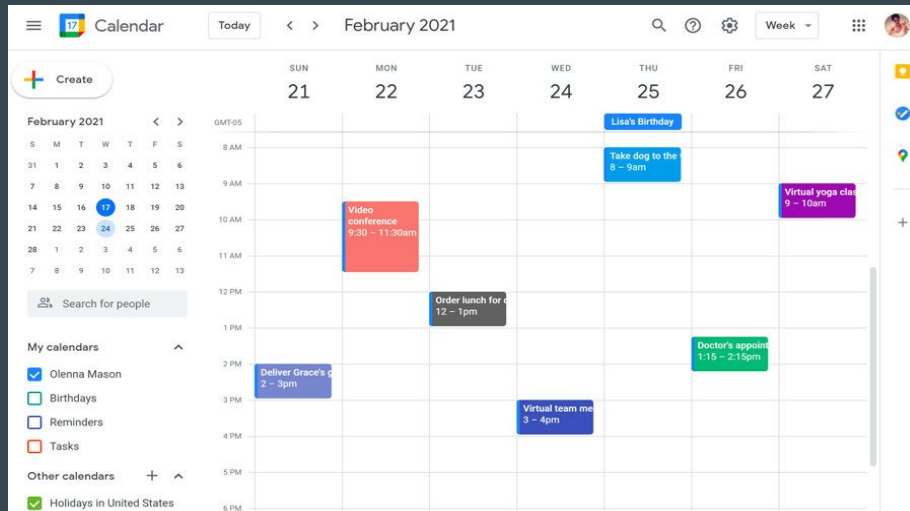
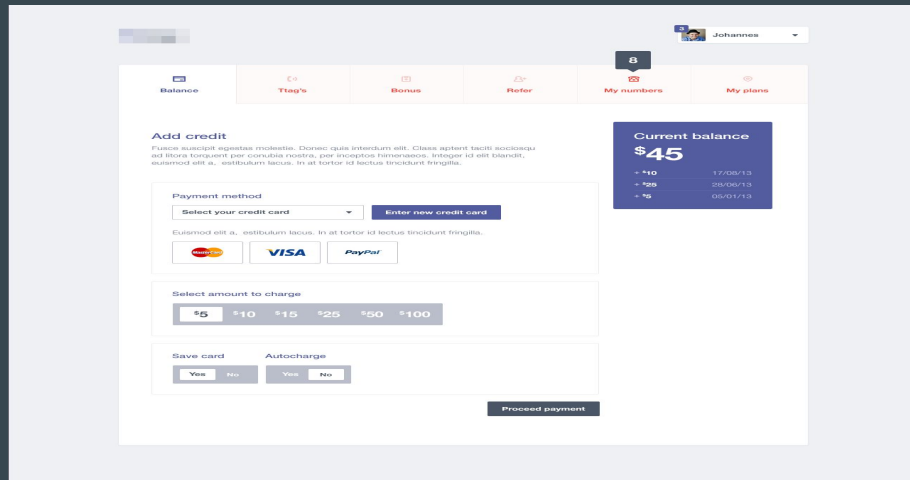
**Requests:** Contains a listing\_id, a host\_id and a user\_id. It represents a record of one user applying a rental option to a host.

# What We Are Most Proud Of

- **MapBox Gem:** Interactive map API
- **Noticed Gem:** Email/Notification System
- **GeoCoder Gem:** Converting host address to longitude and latitude
- Search filter based on distance
- Bootstrap and UI Design
- Host Review System

# What We Wish We Could've Did

- **Payment** system
- In-app **message** system
- **In-line editing** of user/host profiles
- **Calendar** reminders
- Add features for **in-process transactions**



# Teamwork and Lesson Learned

- Time Management
- Open and frequent communication
- Taking initiative
- Accountability
- Setting realistic short and long term goals
- Collaborative work on single task
- Github skills



master 20 branches 0 tags Go to file Add file Code

Mikeq0621 Edit Development ✓ a5d7bd6 2 minutes ago 247 commits

UI_Prototypes	Add map, sign_up	26 days ago
airstorage	Force price to be 2 decimal places	17 days ago
app	Add files via upload	1 hour ago
bin	init	2 months ago
config	functioning reviews	8 days ago
db	fix notification null error	5 days ago
docs	Update IMPROVEMENTS.md	2 hours ago
final deliverables	Update BrandeisProjectDescription_Team11.txt	3 hours ago
final-webiste	github pages	4 days ago
iib	init	2 months ago
log	init	2 months ago
public	init	2 months ago
storage	init	2 months ago
test	fix notification null error	5 days ago
tmp	init	2 months ago

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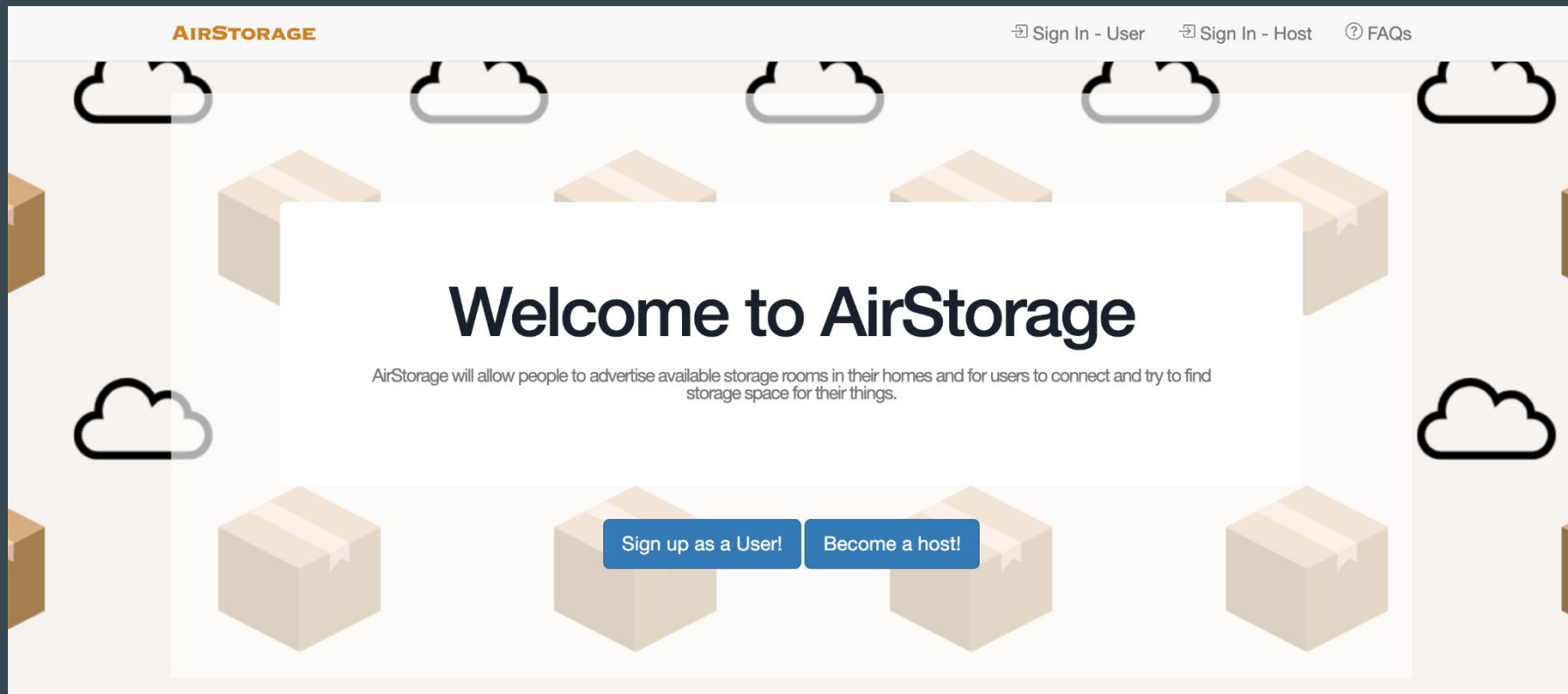
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Demo:

<https://airstorage.herokuapp.com/>



**Thank you!**  
**Questions?**