



Brandeis Schedule

Team 4: Susan Li, Jane Wang



Problem Space

- Existing room reservation procedure involving extensive human coordination across multiple departments to reserve rooms, get approval, and invite participants
- Students have to check on different websites to collect all the event information

Current Product

- Participants
 - Track events information
 - Add interested event to schedule
 - Filter out events by location, date, organizers, or search with event name

Select a room▼

Select an organizer▼

2021▼ December▼ 10▼

Enter your interested event

Today's Event

Office of Health and Wellness Promotion (HAWP)
1 days ago

HAWP in to our Open House!
▼ Learn More
Come see the new Office of Health and Wellness Promotion (HAWP), located in the Shapiro Campus Center room 247. Drop in between 10 a.m. and 2 p.m. to grab some study snacks, do some relaxing coloring, or make your own stress ball! All are welcome.

0 Participants of 30 capacity

Rose Art Museum
1 days ago

Current Exhibitions at the Rose Art Museum
▼ Learn More
re: collections, Six Decades at the Rose Art Museum
Organized in celebration of the Roses 60th anniversary, the exhibition *re: collections, Six Decades at the Rose Art Museum* casts a critical eye in these two directions: highlighting the radical roots from which the museum grew, while showcasing the potential for future transformations. *re: collections* challenges the conventions of art historical narrative by uncovering new connections, charting alternative genealogies, and inviting innovative interpretations of modern and

Department of Student Activities
1 days ago

We Wear Blue
► Learn More

0 Participants of 30 capacity

Today's Event		Future Event	
Name	Start At	End At	
HAWP in to our Open House!	10:00	14:30	<button>Remove</button>
Winter Masqueradescenium: Proscenium a cappellas Semester Show	19:30	21:30	<button>Remove</button>

Current Product

- Organizers
 - Filter out and reserve available room
 - Post events and inform the related users
 - Edit or cancel posted events

Day

Time : - :

[Find Available Room](#)

[Back](#)

Shapiro Campus Center

Atrium, 1st Floor

[Reserve](#)

Shapiro Campus Center

Shapiro Theater, 1st Floor

[Reserve](#)

Schedule New Event

Name

Description

Room

Date

Start time

End time

[Create Event](#)

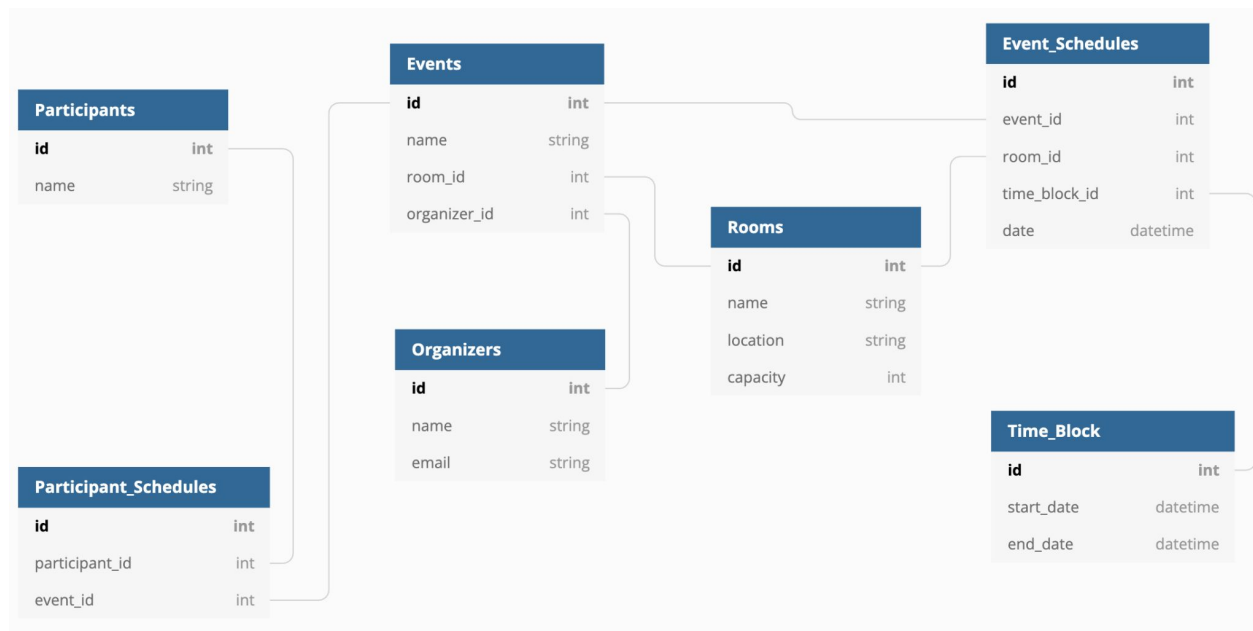
[Back](#)



Technical Challenge

- Data seeding
- Complex data scheme
- Algorithm with room availability

Technical Architecture





Our Approach

- Work Division
 - Susan: Back-End
 - Jane: Front-End
- Agile: Always have running code
- Testing
 - Provided a sophisticated test on the custom Calendar Poro which provides most of the crucial functionality of our app



Future Development

- The room reservation system would be incorporated into the Branda (a app developed by Brandeis students that could track campus information)
 - We are tackling the real-world problem!!!
- Chat function
 - Participants could communicate with other users from same events
 - Participants could consult organizers about event information
- Algorithm that can advertise to users any potential clubs events, classes or special events they might be interested in based on their own schedule.



Takeaway

- Best teamwork: communication, accountability, encouragement to each other ❤️
- Experience of building a software from scratch