

Iteration 4

PLANNXT

Team Roles

1. Amory Doerr 228007537 (Product Owner)
2. Ashish Kumar 633002195 (Scrum Master)
3. Tian Liu 525004380
4. Stefan Wu 733000625
5. Huixin Zhang 331007647

Work Distribution in Iteration 4

Bugs fixing

- Improper loading of canvas page (Amory Doerr)
- Table of Items (Stefan Wu)
- UI changes for ruby form(Ashish)
 - Could not edit the entries of an item if it was not selected -> can be edited at any time.

Finished User Stories

- Items Grouping and Formatting (Stefan Wu)
- Items Dependency Check (Stefan Wu, Tian Liu)
- TDD test for existing registration/session controller (Ashish Kumar)
- Mandate filling on important field in event planning page (Ashish Kumar)
- Allow sharing plans between users (Amory Doerr)
- Redesign the homepage (Amory Doerr)

User Stories in Progress

- Explore 3D Preview features: Huixin Zhang
- Events break time (Stefan Wu, Tian Liu)

Iteration 4 Report

- Stefan Wu, Ashish Kumar, Huixin Zhang, Tian Liu, Amory Doerr

Customer Demo Meeting

- We meet with the client every Wednesday 1:30 pm - 2:30 pm
- The demo meeting to client for iteration 4 was on Apr 13th, 2023, 1:30-2:30 pm
- Customer feedback
 - He wants the team to move all the assets under FashioNxt accounts, such as Github and Heroku, immediately.

User Stories Finished in this Iteration

- Item grouping (Stefan Wu)

- user can assign groups to each item such that the time for items under the same group can be set up at once
- Also added the dependency group for the dependency check

Mark	ID	Name	Group	Depend_group	Setup_start	Setup_end	Breakdown_start	Breakdown_end	Owner	Finished
□	0	rect_room	room	default	04/01/03:00	04/01/04:00	04/01/03:00	04/01/04:00	None	<input type="checkbox"/>
□	1	round_room	room	default	04/01/03:00	04/01/04:00	04/01/03:00	04/01/04:00	None	<input type="checkbox"/>
□	2	triangle_room	room	default	04/01/03:00	04/01/04:00	04/01/03:00	04/01/04:00	None	<input type="checkbox"/>
□	3	camera	photo	room	04/01/03:00	04/01/04:00	04/01/03:00	04/01/04:00	None	<input type="checkbox"/>
□	4	speaker	people	default	04/01/03:00	04/01/04:00	04/01/03:00	04/01/04:00	None	<input type="checkbox"/>
□	5	camera	photo	room	04/01/03:00	04/01/04:00	04/01/03:00	04/01/04:00	None	<input type="checkbox"/>
□	6	speaker	people	default	04/01/03:00	04/01/04:00	04/01/03:00	04/01/04:00	None	<input type="checkbox"/>

- Dependency check (Tian Liu, Stefan Wu)
 - Click the “check dependency button” will check if there are any dependencies violations
 - If any conflicts of time because of dependency, it will print out a warning message asking user to fix the incorrect time

Mark	ID	Name	Group	Depend_group	Setup_start	Setup_end	Breakdown_start	Breakdown_end	Owner	Finished
<input type="checkbox"/>	0	rect_room	room	default	04/01/03:00	04/01/04:00	04/01/03:00	04/01/04:00	None	<input type="checkbox"/>
<input type="checkbox"/>	1	round_room	room	default	04/01/03:00	04/01/04:00	04/01/03:00	04/01/04:00	None	<input type="checkbox"/>
<input type="checkbox"/>	2	triangle_room	room	default	04/01/03:00	04/01/04:00	04/01/03:00	04/01/04:00	None	<input type="checkbox"/>
<input type="checkbox"/>	3	camera	photo	room	04/01/03:00	04/01/04:00	04/01/03:00	04/01/04:00	None	<input type="checkbox"/>
<input type="checkbox"/>	4	speaker	people	photo	04/01/03:00	04/01/04:00	04/01/03:00	04/01/04:00	None	<input type="checkbox"/>
<input type="checkbox"/>	5	camera	photo	room	04/01/03:00	04/01/04:00	04/01/03:00	04/01/04:00	None	<input type="checkbox"/>
<input type="checkbox"/>	6	speaker	people	photo	04/01/03:00	04/01/04:00	04/01/03:00	04/01/04:00	None	<input type="checkbox"/>

[Check Dependency](#)

Conflict: people begins to setup before its dependency photo finishing setup.

Conflict: photo begins to breakdown before its dependency people finishing breakdown.

Conflict: photo begins to setup before its dependency room finishing setup.

Conflict: room begins to breakdown before its dependency photo finishing breakdown.

Please fix the dependency violation(s) by updating the time and try again!

- Plan creation page UI changes:

Earlier:

Plan Name demo

Event Days: Setup through Breakdown

Start Adding steps by clicking Add Steps

Step-Number|| Start Day||Start Time||End Time||Break1Start||Break1End||Break2Start||Break2End

<input type="text"/> dd-mm-yyyy	<input type="button"/> - - - - -	<input type="checkbox"/> Delete							
---------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	---------------------------------

Changed version:

Create a New Plan

Welcome to PLANNXT a tool to setup an event venue – all furniture and staff placements chronologically, and track the actual setup progress real-time. Let's get started..

Plan Name

Event Days: Setup through Breakdown

Start Adding steps by clicking Add Steps

Start Day	StartTime	EndTime	Break1 (Optional)		Break2 (Optional)		<input type="checkbox"/> Delete
			StartTime	EndTime	StartTime	EndTime	
<input type="text"/> dd-mm-yyyy	<input type="button"/> - - - - -	<input type="checkbox"/> Delete					

Add Steps

- Plan creation required field addition: User can not proceed without adding required field

Event Days: Setup through Breakdown

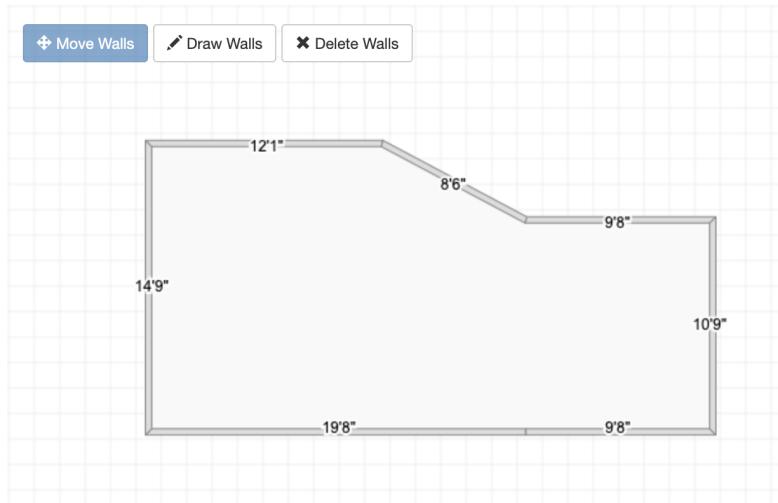
Start Adding steps by clicking Add Steps

Start Day	StartTime	EndTime	Break1Start	Break1End	Break2Start	Break2End
<input type="text" value="dd-mm-yyyy"/> dd-mm-yyyy	-- : -- : --	-- : -- : --	-- : -- : --	-- : -- : --	-- : -- : --	-- : -- : --

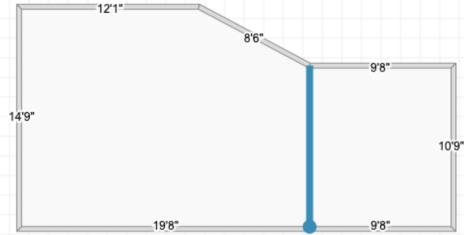
Dimensions of the Venue (approximate): Feet

OPEN PLAN TEMPLATE

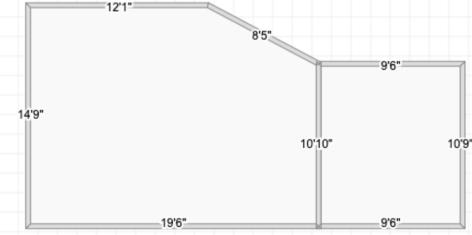
- Progress on 3D rendering using WebGL (Huixin Zhang)
 - Experimental Project
 - Develop tool: WebGL.
 - WebGL-based 3D room previewer optimized.
 - Exploring a way to bridge PlanNXT and 3D modeling toolkits.
 - Room planner demo: <https://zhanghuixin1103.github.io/3D-Room/>
 - 2D Floor Plan:



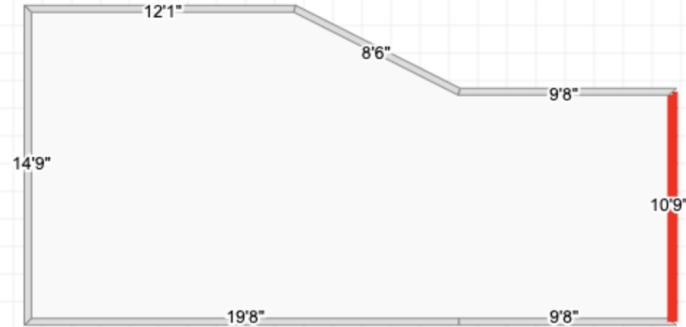
Move Walls Draw Walls Delete Walls



Move Walls Draw Walls Delete Walls



Move Walls Draw Walls Delete Walls

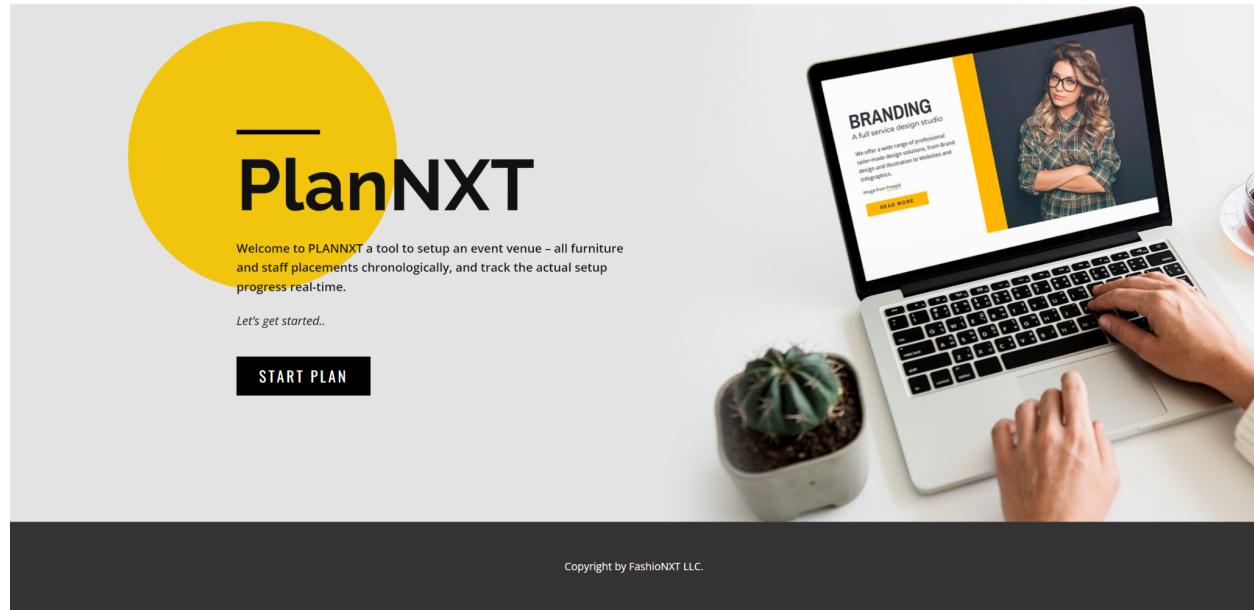


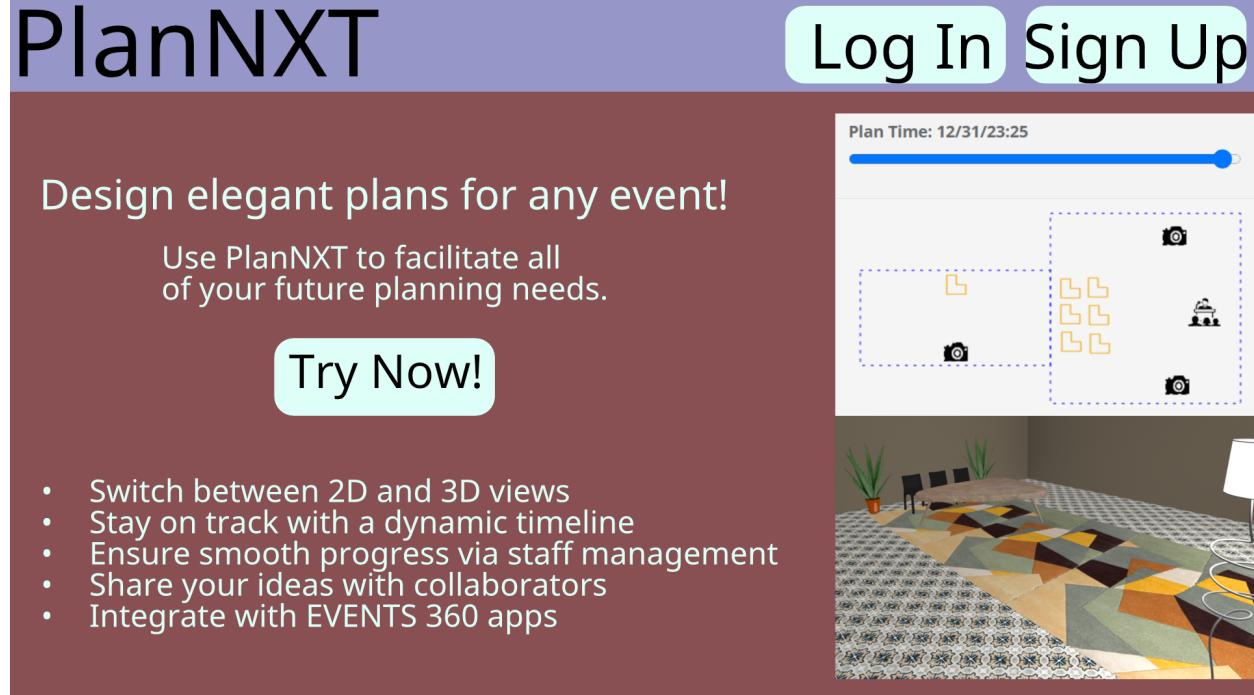
○ 3D Preview:



- Redesign the homepage(Amory Doerr)

- Give new users a positive first impression
- Convey the premise of the application concisely
- Allow users to get started without confusion
- Showcase elements of the service in action



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PLANXT

Design elegant floorplans for any event!

- Stay on track with our dynamic timeline.
- Preview your plan in three dimensions.
- Ensure smooth progress via staff management.
- Share your ideas with collaborators.
- Integrate with all other EVENTS 360 applications.

[GET STARTED](#)



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- Allow sharing plans between users (Amory Doerr)
 - Events may need multiple people to plan
 - Staff need to update their progress in real time
 - Starting a fresh plan isn't always feasible

'Earth Day' shared with amory.

Logged in as: friend
[Edit Password](#)
[Logout](#)

Plan Models Management

Plan Name	Creator	Create time	Update time	More
Earth Day	friend	2023-04-05 19:37:30 UTC	2023-04-15 02:03:08 UTC	Edit / Manage / Export / Copy / Delete / Share

Logged in as: amory
[Edit Password](#)
[Logout](#)

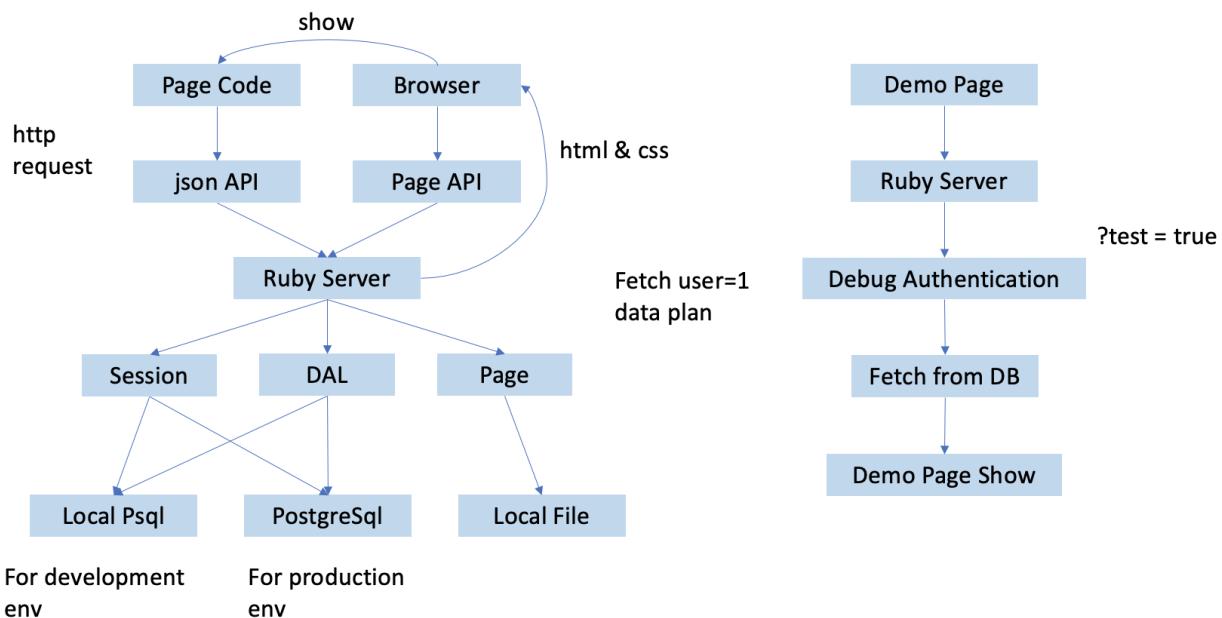
Plan Models Management

Plan Name	Creator	Create time	Update time	More
Earth Day	friend	2023-04-05 19:37:30 UTC	2023-04-15 02:03:08 UTC	Edit / Manage / Export / Copy / Delete / Share

User Stories to Implement

Design Diagram (UML)

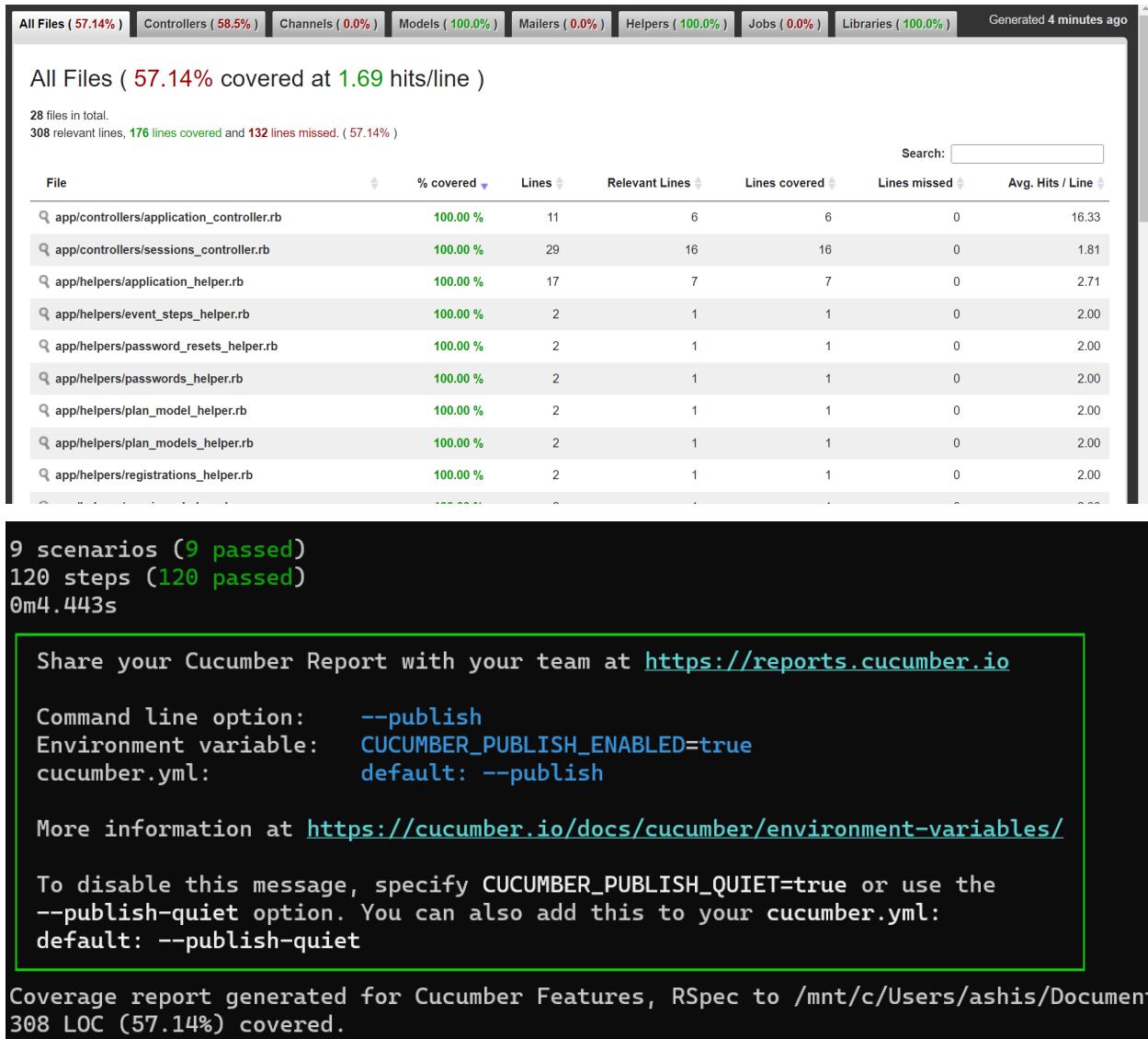
Because this is a legacy project, we used the latest UML diagram from the previous team's report to show the architecture of the Application.



Evaluations

- The AddDays feature involves significant changes on Ruby code. See the TDD test done above.
- Other features mainly involves HTML, JS code update
- We are working on fixing the Cucumber test bug left by the previous team
- RSpec/Cucumber test result for AddSteps feature and existing ones (Ashish Kumar)

- Increased test coverage from 35% to 57% by writing test cases for existing and new feature. Contains both rspec and cucumber test cases result



Links

- Heroku deployment: <https://plannxt.herokuapp.com/>
- Pivotal Tracker: <https://www.pivotaltracker.com/n/projects/2632066>

- Github: https://github.com/tian1327/plannxt_Spring2023
- Slack: <https://app.slack.com/client/T04MD0D7JUW/C04MD0DA0CW>
- Project tracking sheet:
https://docs.google.com/spreadsheets/d/1fuGQ4pq3e9oblH8IAyWd6LOM0U-9pO_DMsepnc7uj2A/edit#gid=1557543451