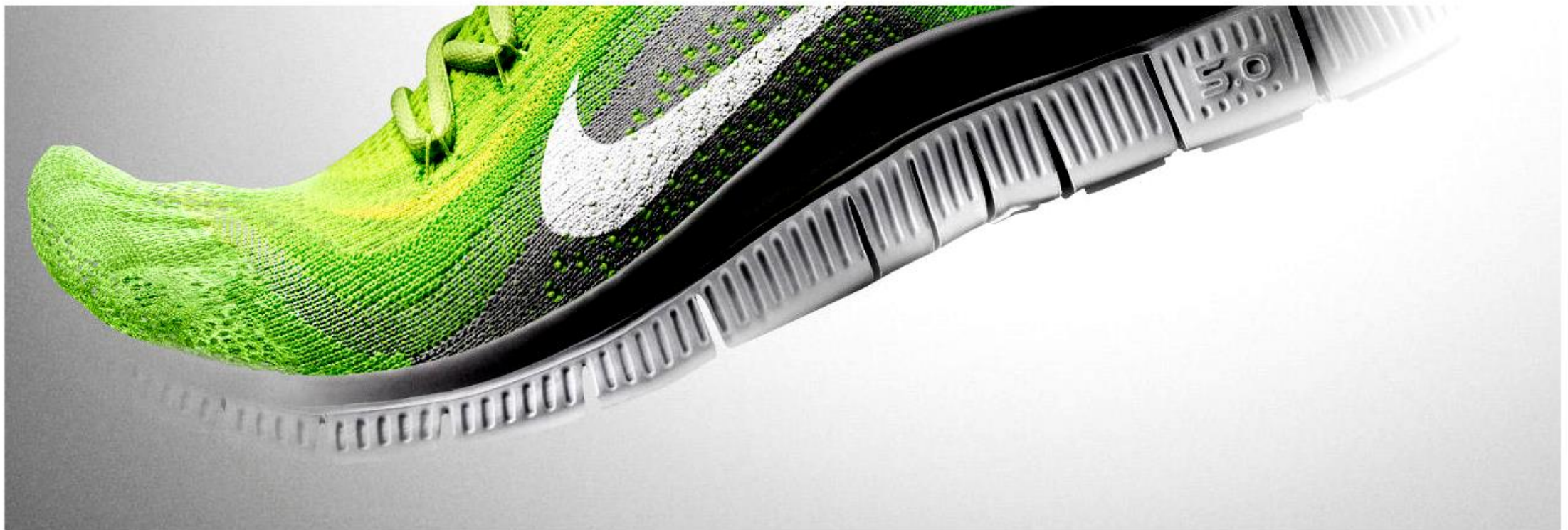




# **SWOOSH ROOM FINDER**

**NIKE & PSU CAPSTONE 2017**

**NHI VU, VICTOR DIEGO, ZACHARY PFISTER-SHANDERS, TYLER WOOD, CHRIS NORTON, DEREK KEETON**





**PURPOSE**

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**FEATURES**

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**PERSONALIZATION**

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**VERSATILITY**

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**FUTURE WORK**

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# PURPOSE

*“You want to make an immediate global impact on Nike employee productivity? We need an app to find the room locations for all our new campus buildings. For many people, they spend more time on travel and finding their meeting rooms, than the actual critical meetings they need to attend.”*

*— Nike Technology Director*



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# OVERVIEW OF FEATURES

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- Utilized use cases presented by Ben and Justin to design a navigational app that would allow the user to easily navigate through the Nike campus through multiple workflows
- 3 main navigational workflows
  - Interactive Campus Map
  - Search
  - Favorites
- Additional sub-features to increase overall effectiveness of the application
  - Sharing capabilities
  - Color theme changing





# FEATURES: INTERACTIVE CAMPUS MAP



- “Home” screen that shows the Nike Headquarters campus
- Click on a building name to navigate to that building
- Optional satellite view of the campus
- Pinch-zoom capabilities included
- To navigate to this screen, click on the “Home” icon in the navigation toolbar



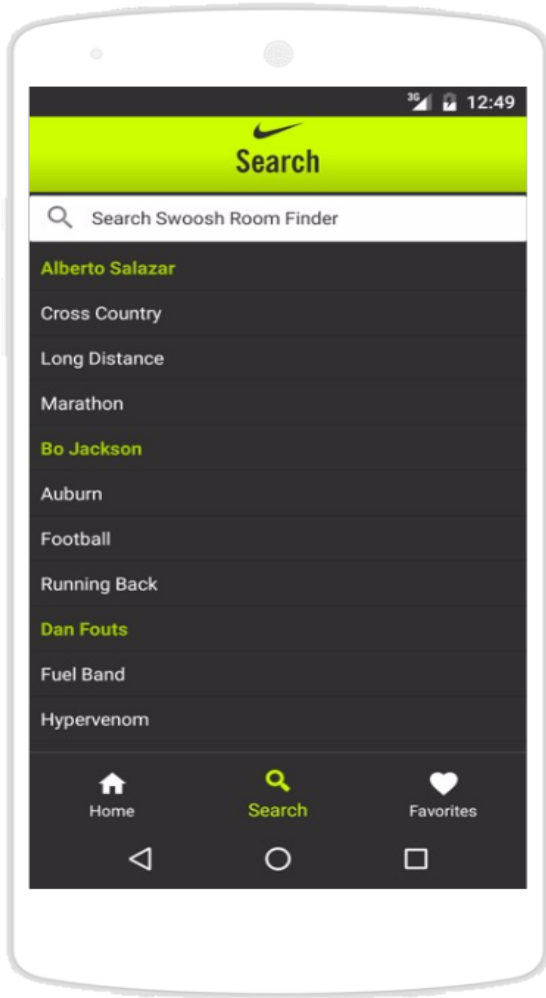
## FEATURES: BUILDING NAVIGATOR



- Floor plan page that allows user to navigate through the various floors of a building to find a specific room
- Use dropdown menu to choose different floors and rooms
- If a room is selected a location marker on the map will appear indicating where the room is on the floor
- Click on “Building Location” icon to display the location of the building on the campus map
- Pinch-zoom capabilities included



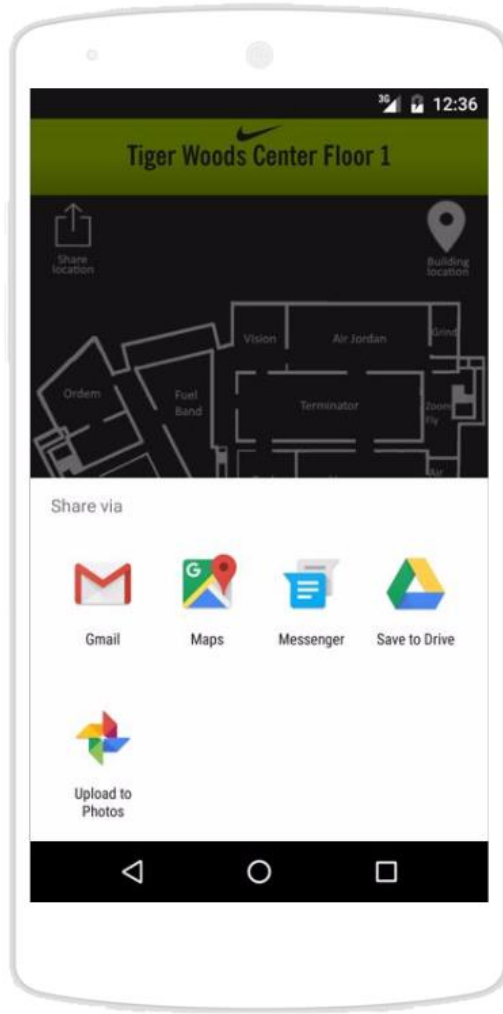
# FEATURES: SEARCH



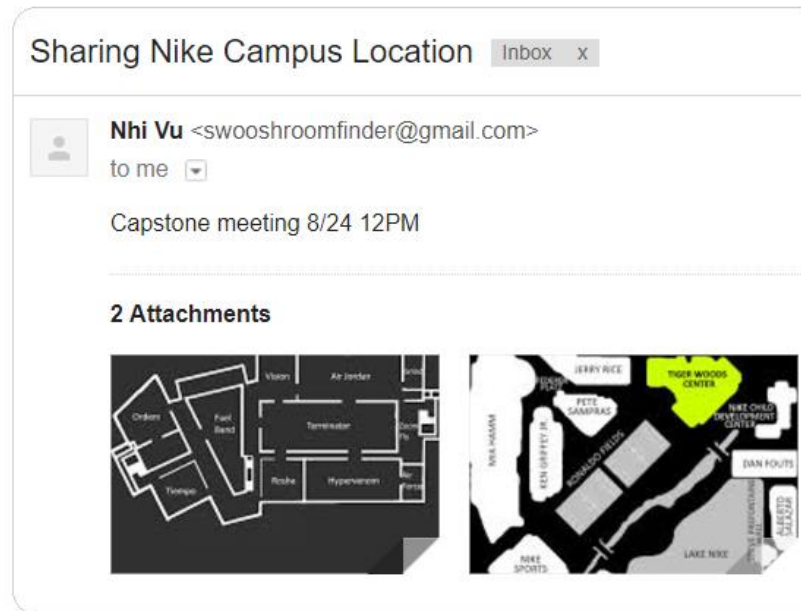
- User can search for a building or room
- List updates with proper results as user enters in search input
- List is organized alphabetically by buildings (bolded in green) with their rooms listed beneath them; organized in an intuitive way for user to work with
- Allows user to bypass work of navigating through interactive map



# FEATURES: SHARING CAPABILITIES



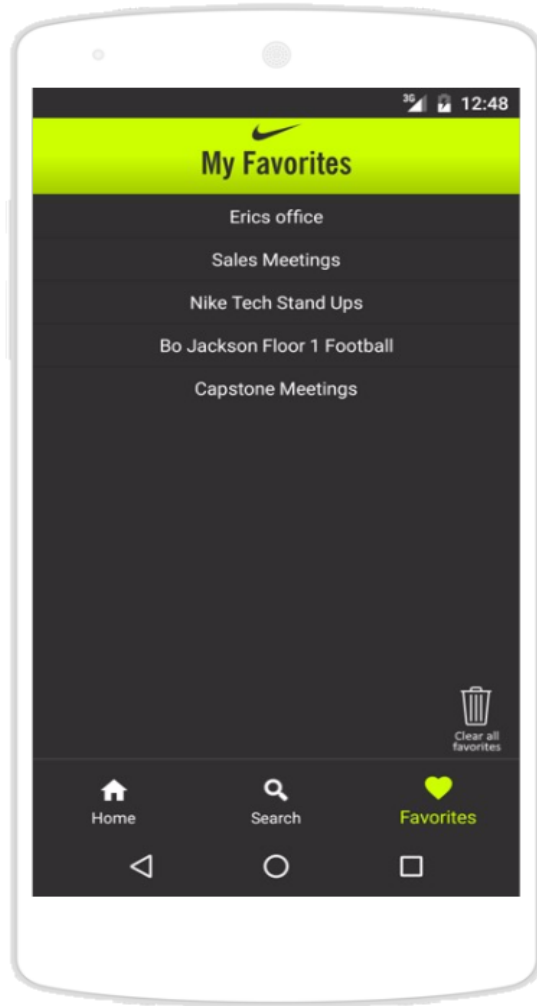
- Allows user to easily share location with someone
- Sends images of the floor plan and campus map (with the respective building highlighted) outside of the application
- Email, text, upload images to drive, etc.



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# FEATURES: FAVORITES

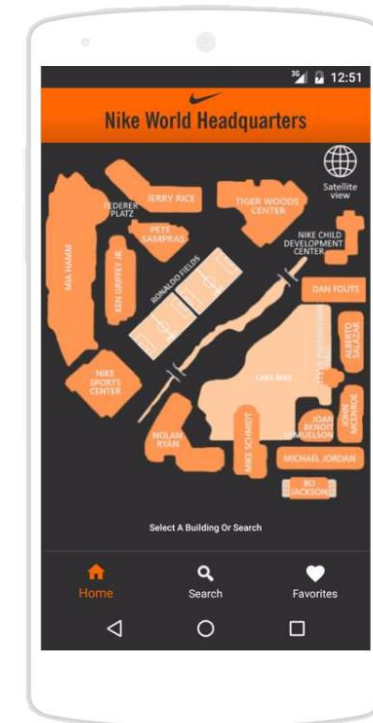
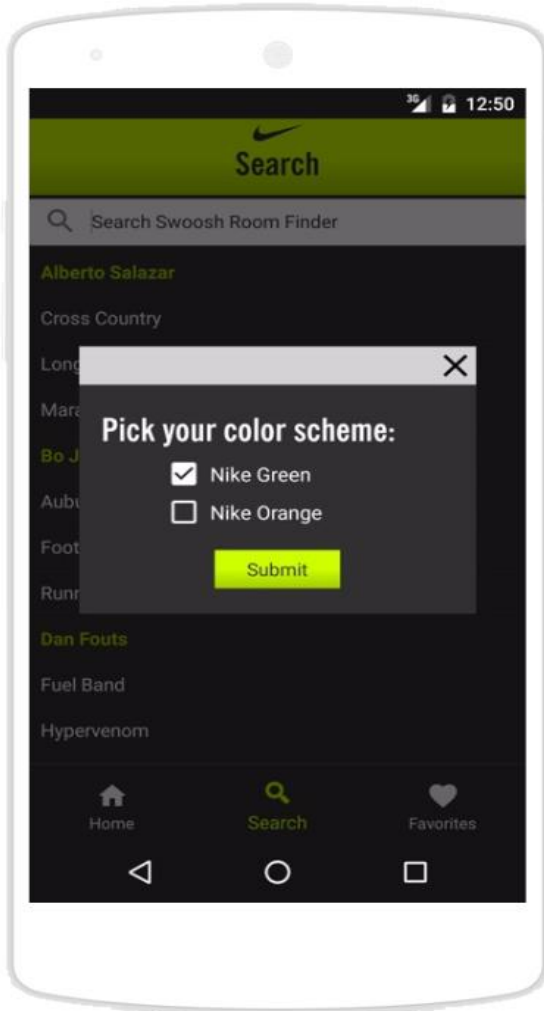


- User can add a location to their favorites, storing it for future use
- Favorites list persists through every use of the application
- User can customize saved location's name in favorites list
  - Ex: "Sales Meetings"
- Eliminates need to navigate or search for location each time
- Eliminates need for user to have to remember the actual location
- Selecting a choice takes the user to the location's respective floor plan page
- Holding down on a choice removes it from the favorites list
- User can clear the entire favorites list if desired
- To navigate to this screen, click on the "Favorites" icon in the navigation toolbar



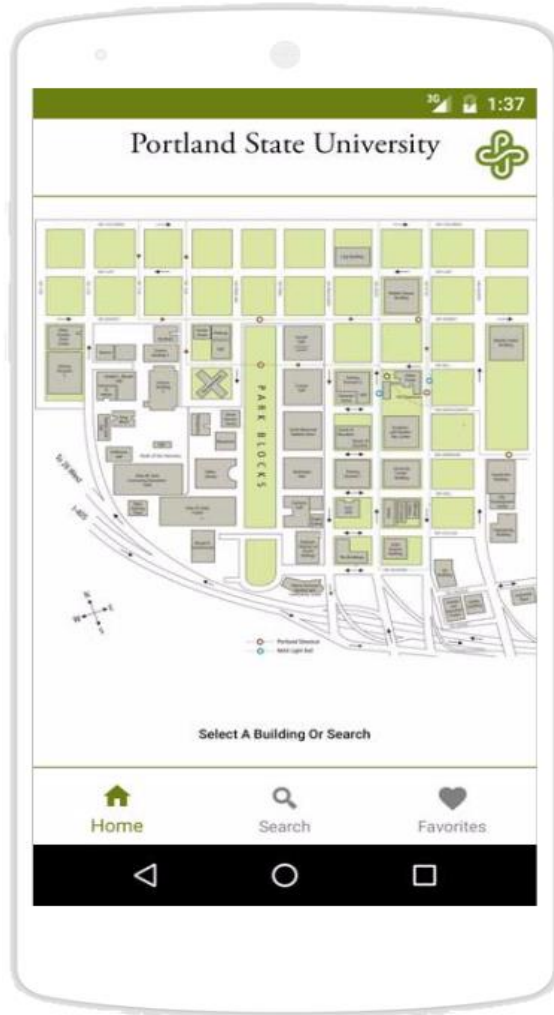
# PERSONALIZATION

- User can choose between different color themes
- No SSO but application is still tailored to the user
- Allows user to customize app to their own liking
  - Favorites
  - Color theme selection

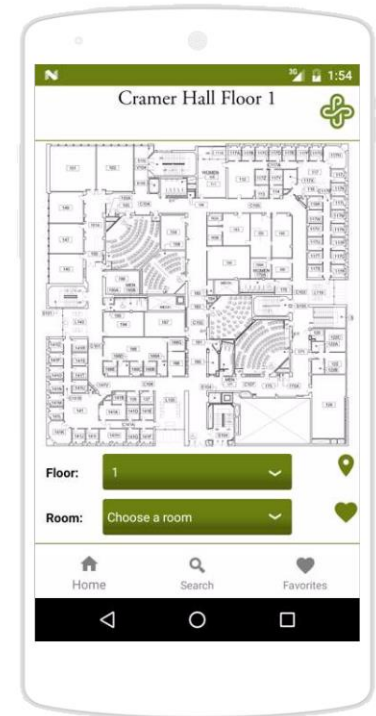


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# VERSATILITY

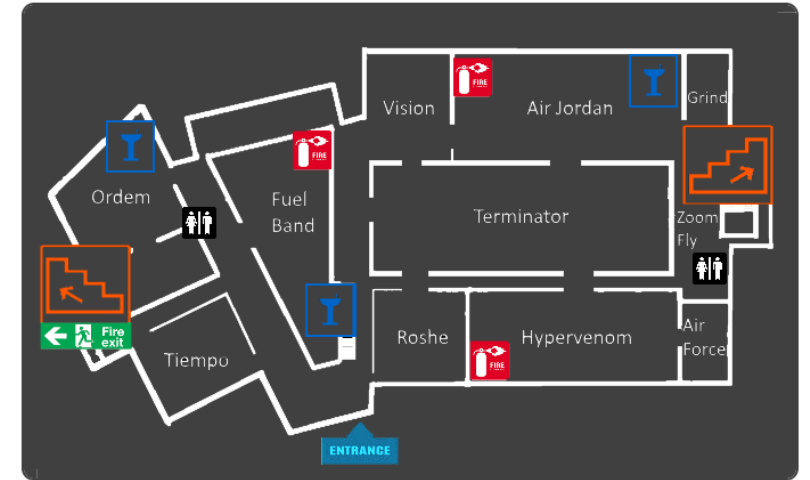


- Dynamic capabilities of application allow for versatility
- Application designed for quick setup and use by distinct organizations
- New themes, including colors, icons, and building images simple to change and add
- Example: PSU Room Locator



# FUTURE WORK

- Add all official Nike World Headquarters floor plans
- Add multiple campuses
- Implement iOS version
- Expand building maps
  - Feature icons indicating restrooms, water fountains, main doors, front desk, fire exits, stairs, and elevators
- Possible features to add
  - Event calendar and scheduler for each room
  - Way for application to display the user's location

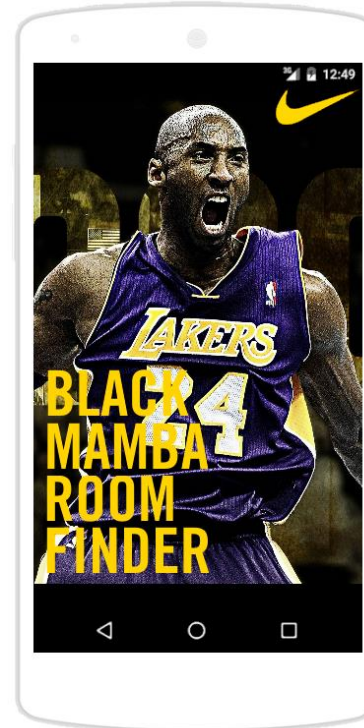
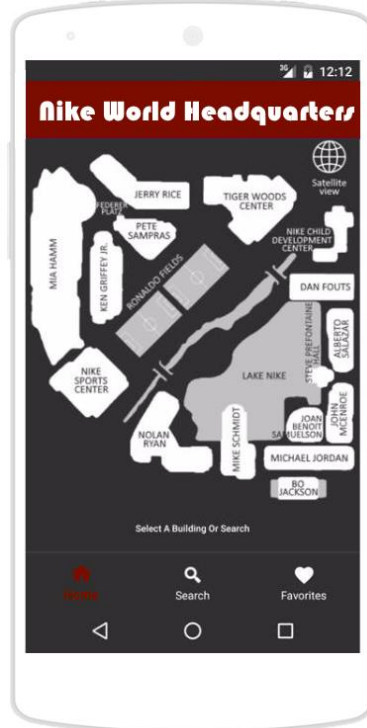
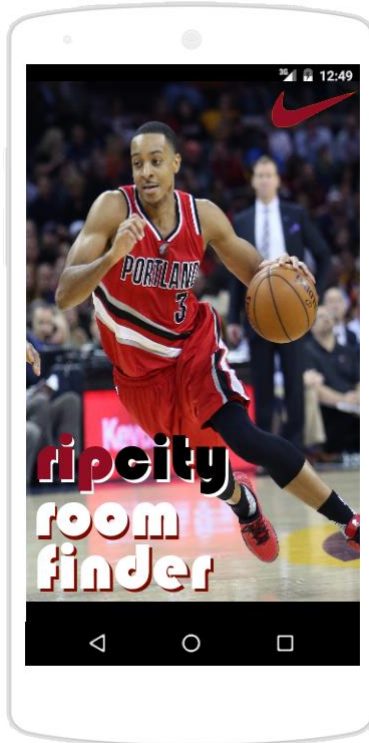


TIGER WOODS AIR BIRKDALE								
AUGUST 2017								
SUN	MON	TUE	WED	THU	FRI	SAT		
29	30	31	1	2	3	4	7:00AM	.
5	6	7	8	9	10	11	8:00AM	.
12	13	14	15	16	17	18	9:00AM	MONTHLY SALES MEETING
19	20	21	22	23	24	25	10:00AM	.
26	27	28	29	30	1	2	11:00AM	.
3	4	5	6	7	8	9		



# FUTURE WORK

- Expand on themes:
  - Improve app to best represent Nike style
  - Add more colors and personalized themes
  - Themes tailored to athletes with customized colors, fonts, pictures, titles, etc



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# THANK YOU!

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- Thank you to the Nike corporation for allowing us to partake in this capstone project
- Thank you to Justin, Ben, and Darrell for all being so cooperative, helpful, and encouraging throughout this whole process

