

Lab: Create a Conceptual Mobile App Business Plan with Wireframes

Estimated time needed: 40 minutes

In this lab, you will create the wireframe for adding a **chat** feature to the iPhone app for **VoilaVoyage**, a vacation facilitation company. You will create a wireframe with an app icon on the phone's home screen. Next, you will create the app's home screen with the company logo, name, and icons representing the three service options available. You will also add a chat icon to this screen, representing the new functionality you propose integrating into the app. Then, you will create a final screen that will help to visualize the chat screen. You will use a free online tool from *draw.io*, available at this URL: <https://app.diagrams.net/>.

Objectives

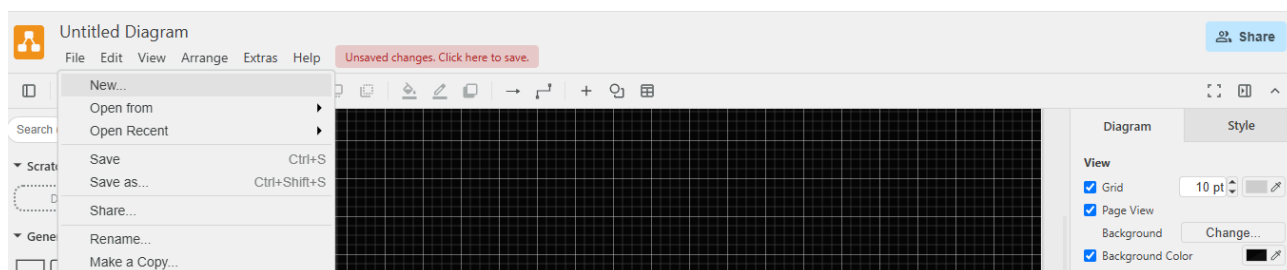
After completing this lab, you will be able to:

- Describe how to create a wireframe
- Visualize the mobile app and its features
- Translate your abstract ideas into tangible formats

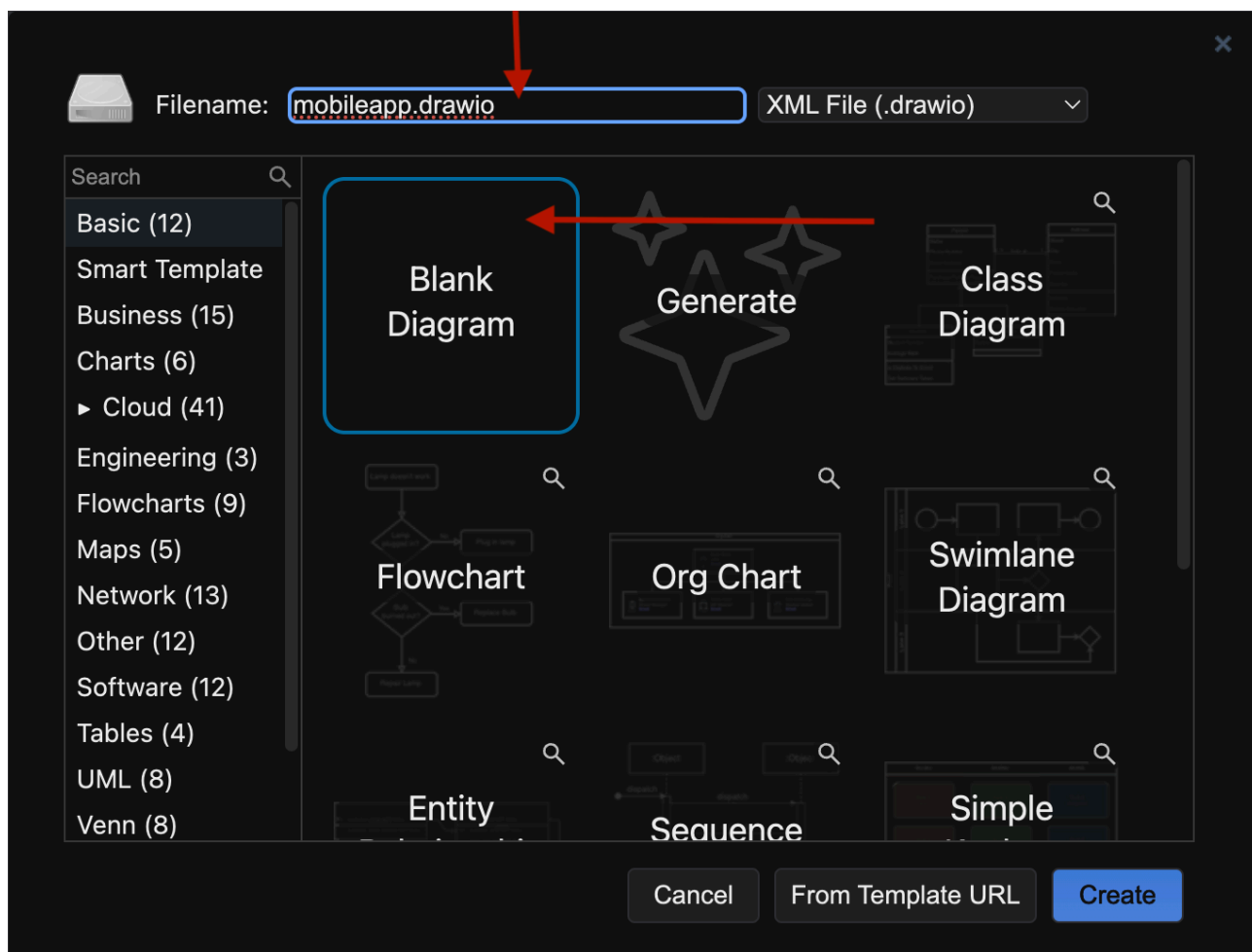
Exercise 1: Enable iOS and Android shapes in draw.io

In this exercise, you will start by creating a new wireframe diagram. It has default shapes loaded. You will enable iOS and Android shapes.

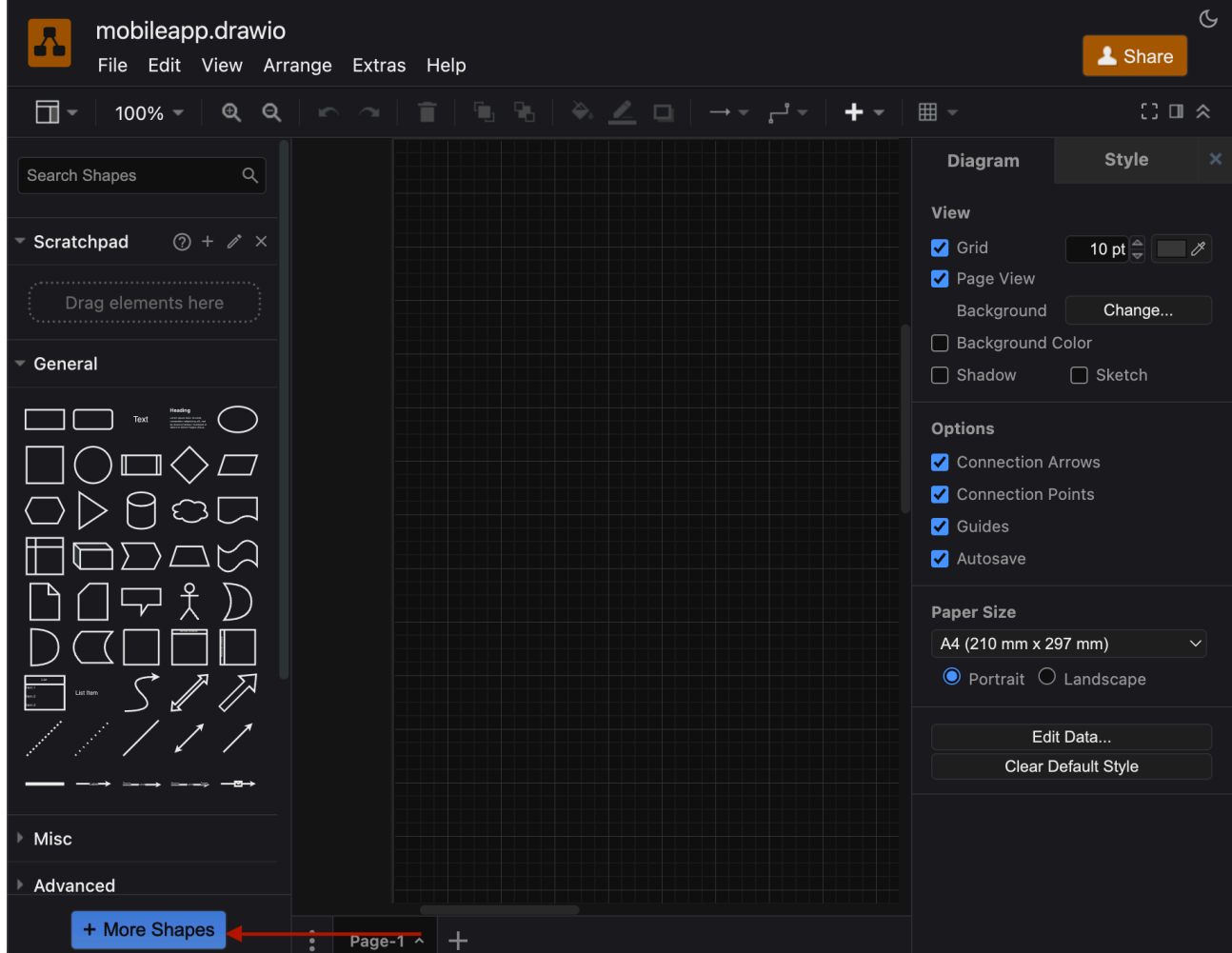
1. Go to the URL <https://app.diagrams.net/>.
2. Click File->New



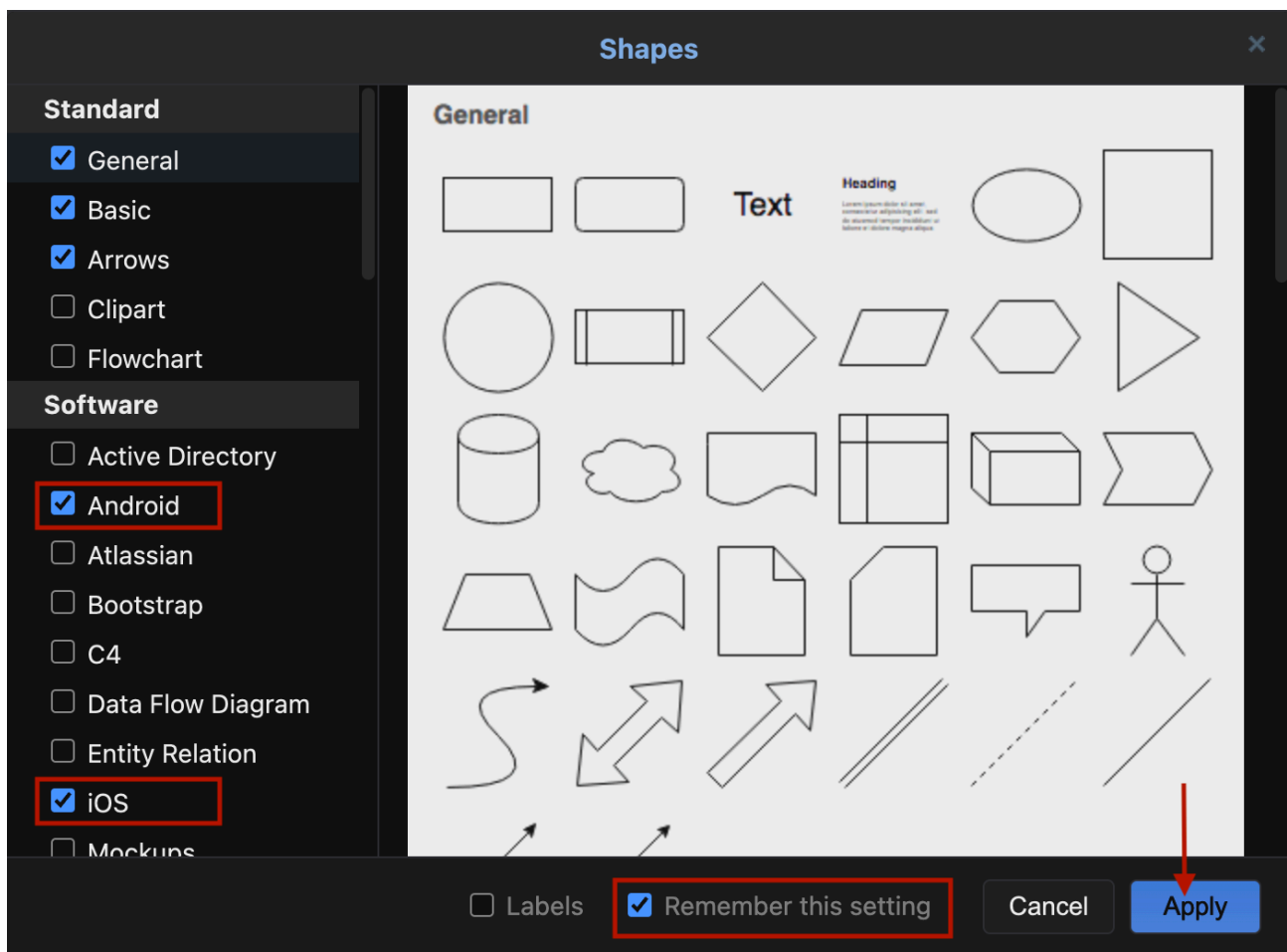
3. Choose to create a blank diagram and give it the name `mobileapp.drawio`.

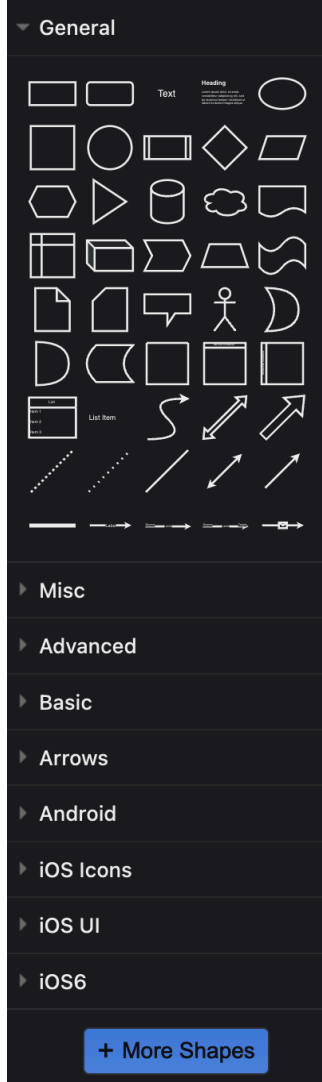


4. Now that you have initiated a blank diagram, you will have many shapes to choose from. The iOS and Android shapes are not available by default. Click **More Shapes**.



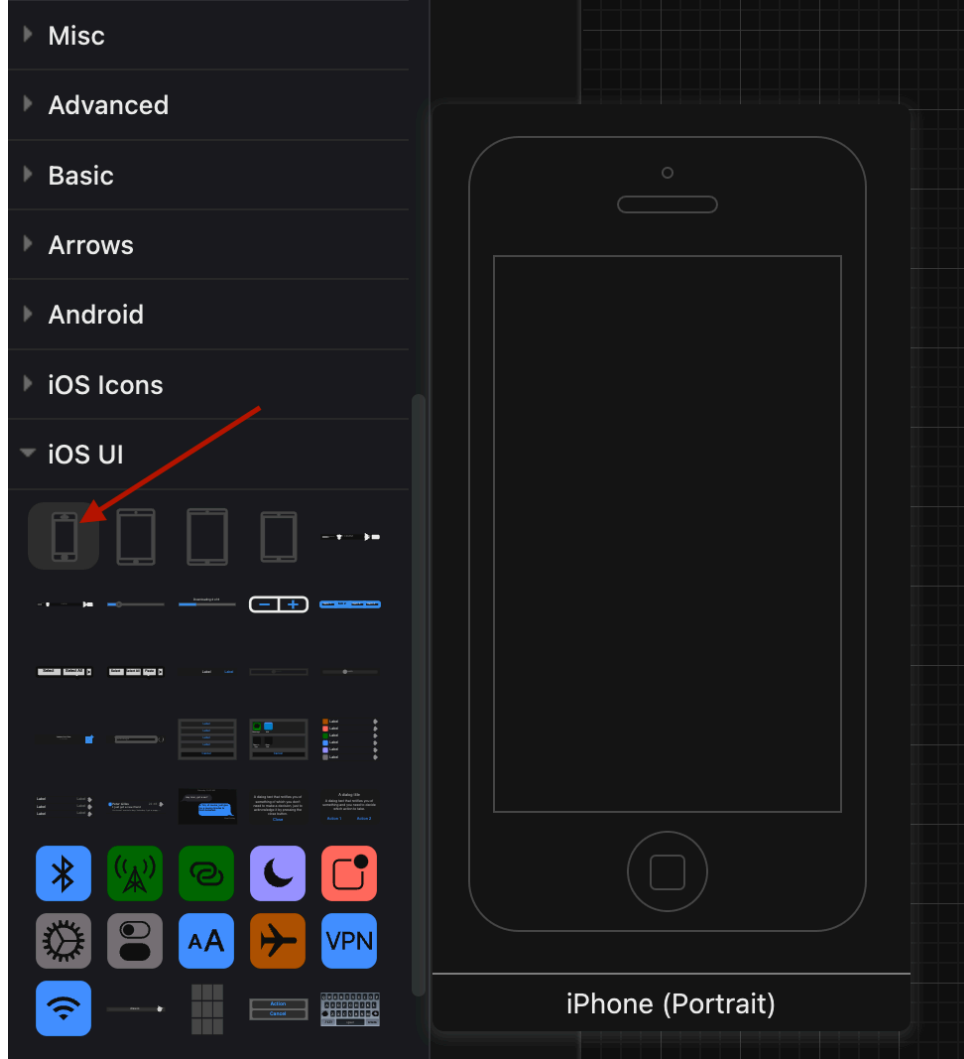
5. Select the iOS and Android shapes, ensure that Remember this setting is checked, and click Apply. This action updates the shape selectors with iOS and Android icons.



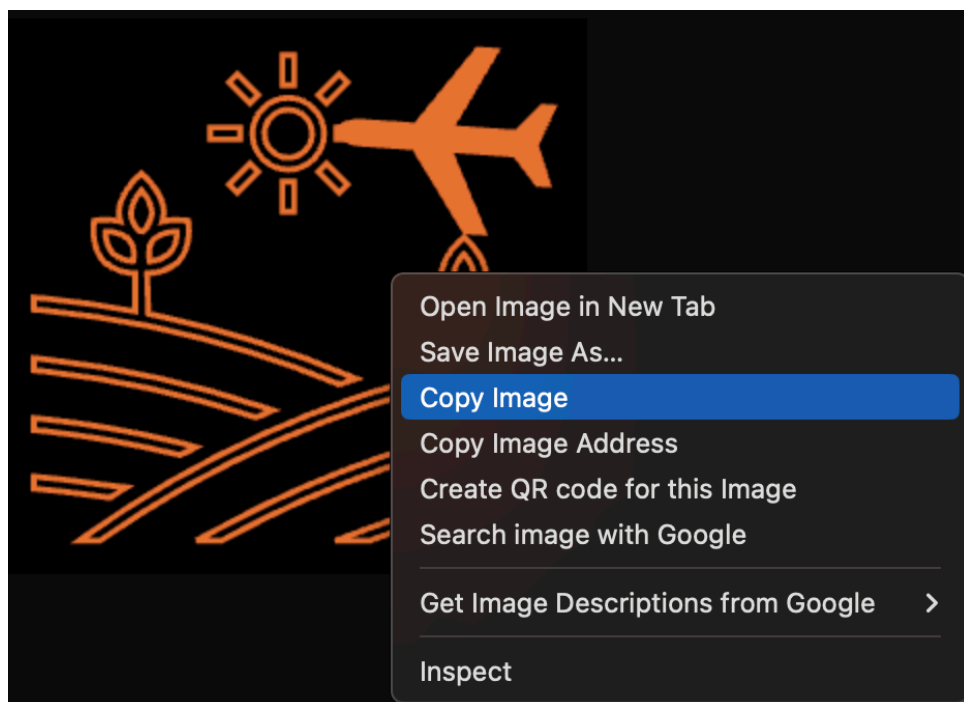


Exercise 2: Add the app bar and app icon to the home screen

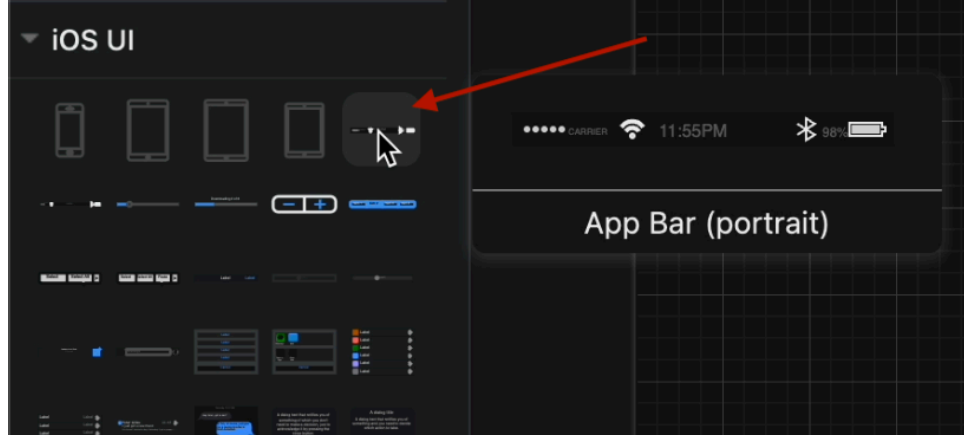
1. Under iOS UI, click iPhone portrait mode and add it to the diagram.



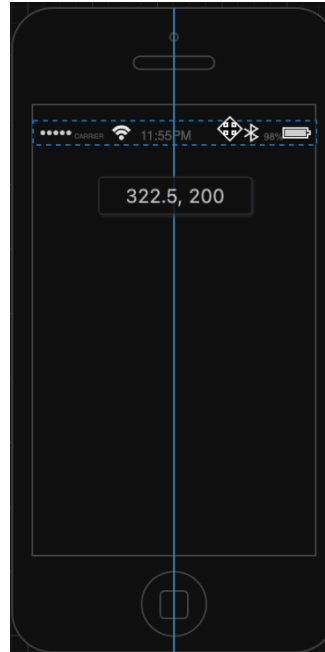
2. Add an image to represent the app icon on the screen. Right-click this [link](#) and choose Open link in new tab.
3. When the image opens in a new tab, go to the new tab, right-click the image, and choose Copy Image.



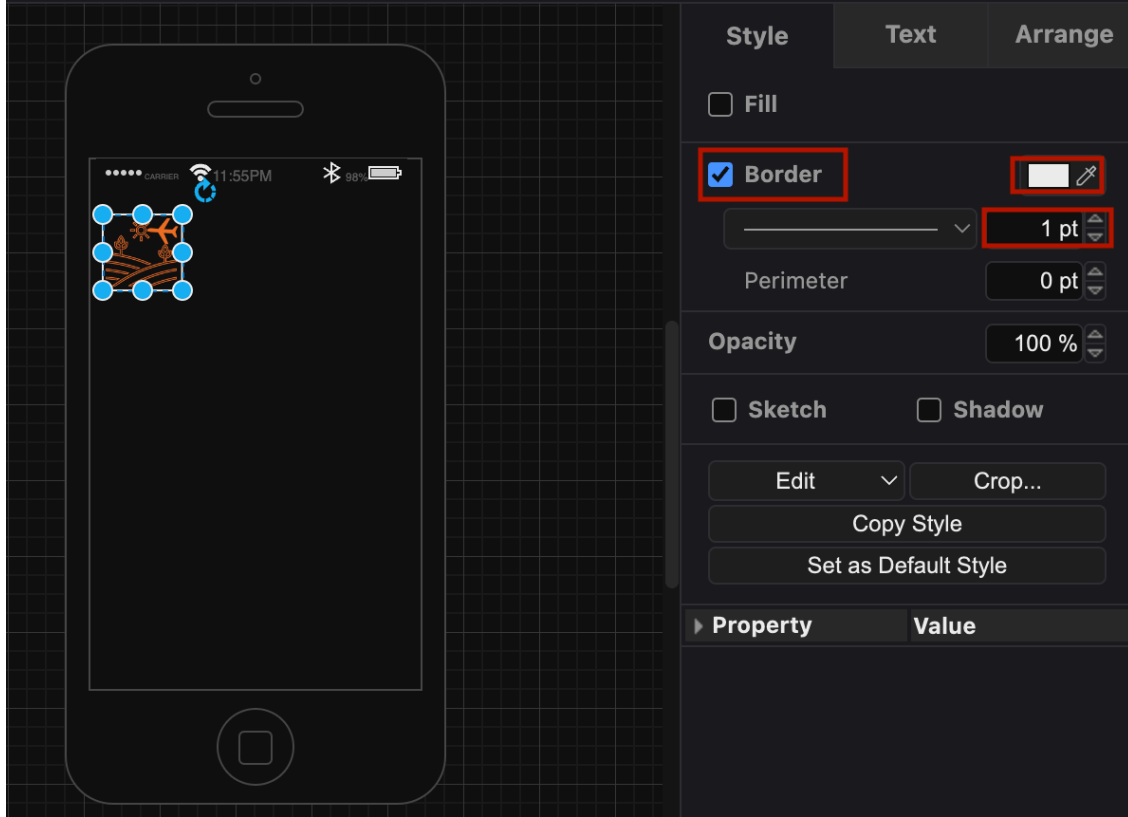
4. Choose the App bar icon and select it to add it to the iPhone.



5. Position the app bar on the iPhone screen.

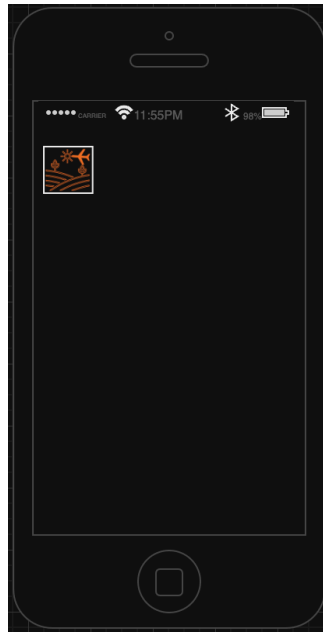


6. Navigate to the diagram and paste the image on the iPhone device. Resize the image to look like an icon. Enable **Border**, and adjust the points to choose an appropriate color and width.

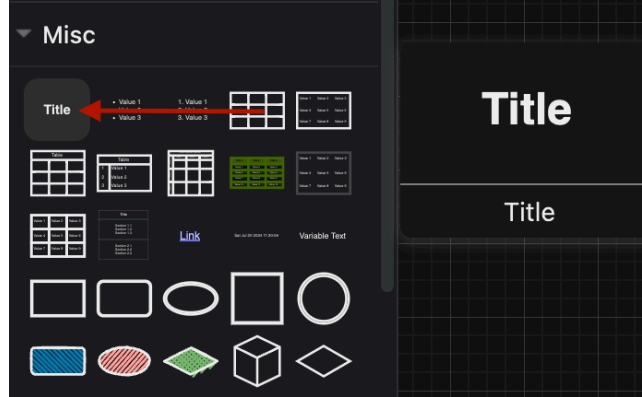


Exercise 3: Design the app home screen

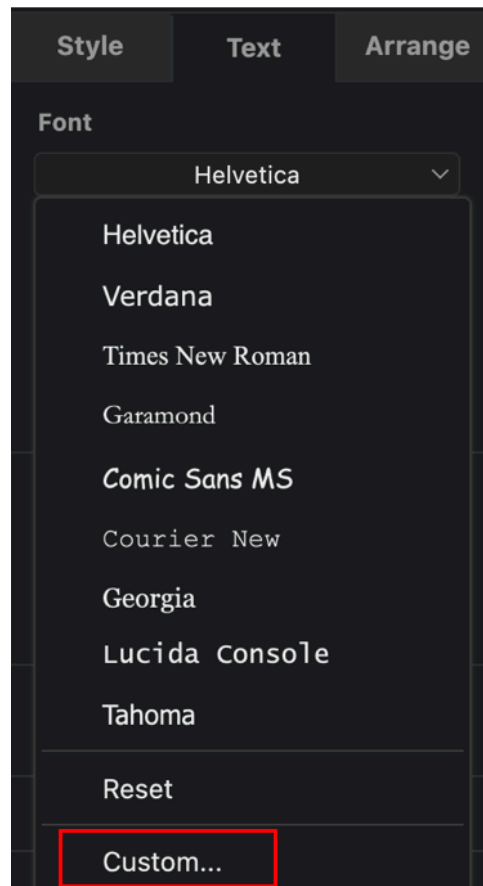
1. Add a new iPhone UI to the diagram.
2. Add the app bar on the iPhone screen and then copy the logo image from the [link](#) and paste it on the top left.



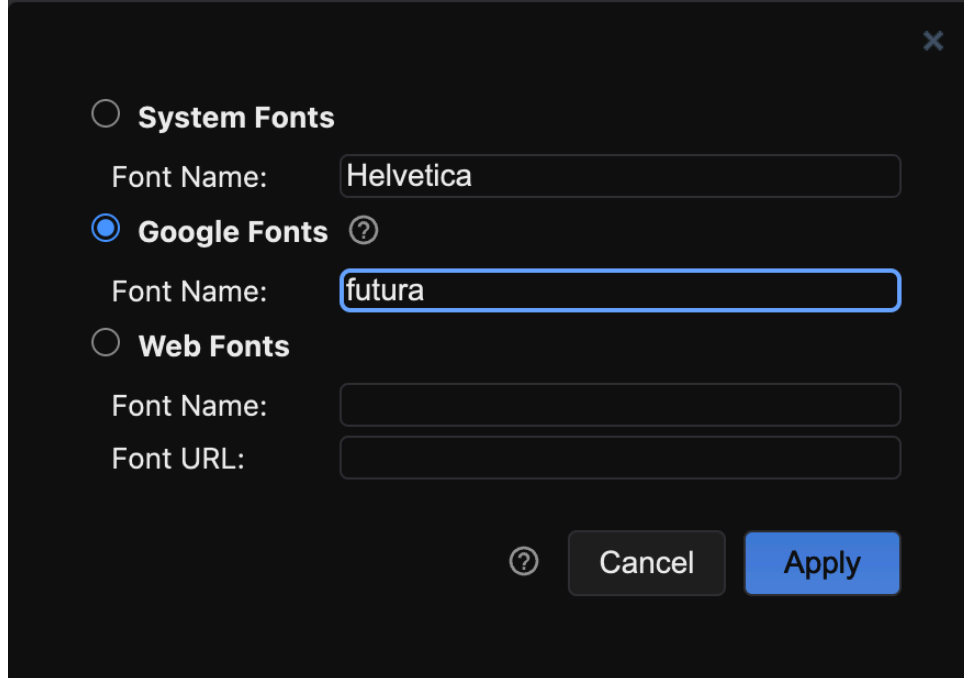
3. Click the Title under Misc shapes to add title text next to the logo.



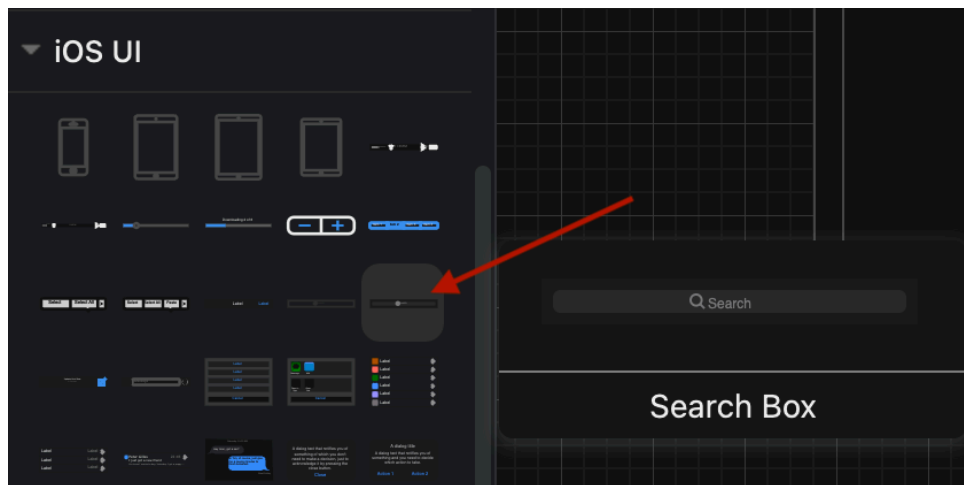
4. Double-click the text to change it to *voilaVoyage* and change the color. Under the font options, select *Custom* to set a custom font.



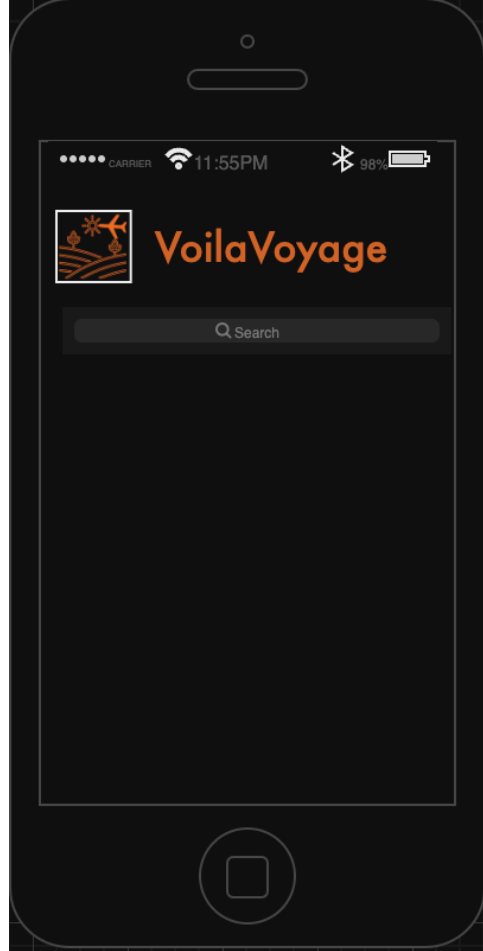
5. Change the font to Futura under the Google Fonts option.



6. Add Search Box to the screen and position it following the logo and title.



With the search box, your updated screen will look like the following image:

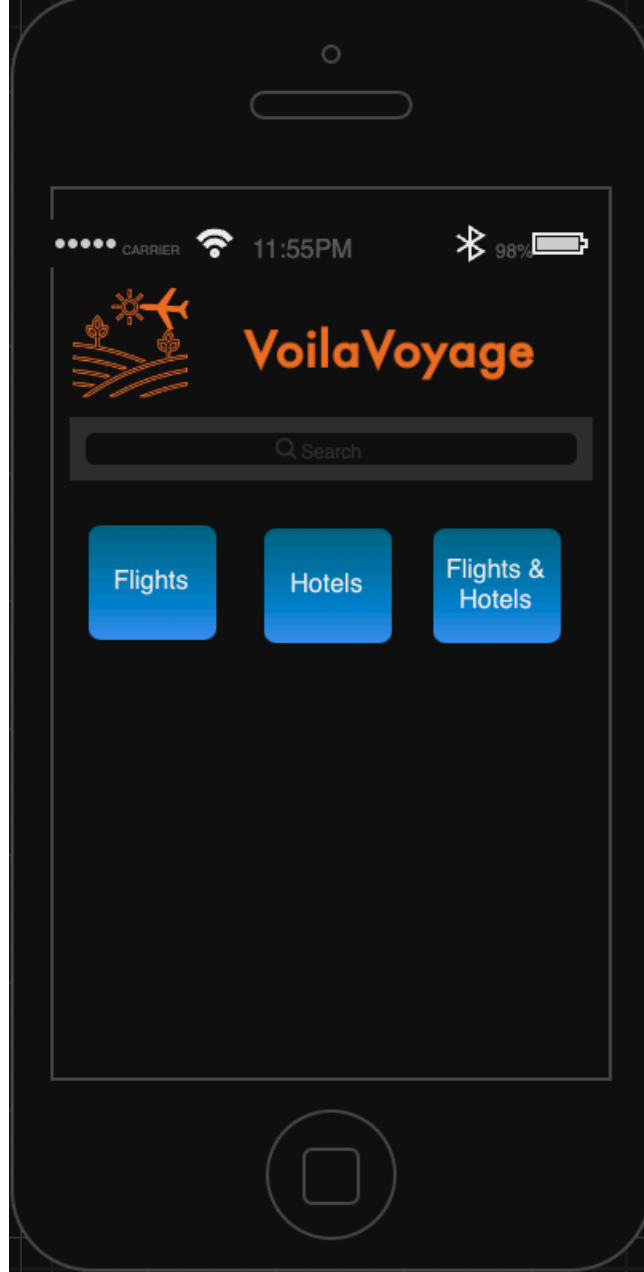


7. Click the Icon under iOS UI to add icons to the screen. You will add three icons.

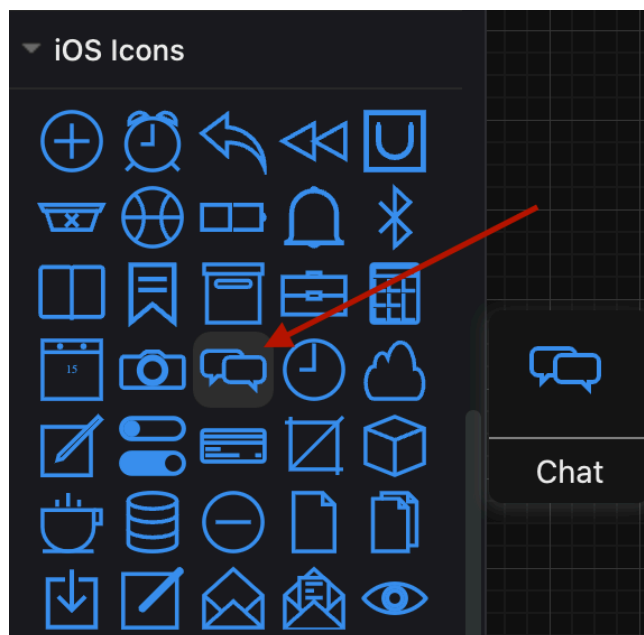


8. Change the text of each of the three icons to:

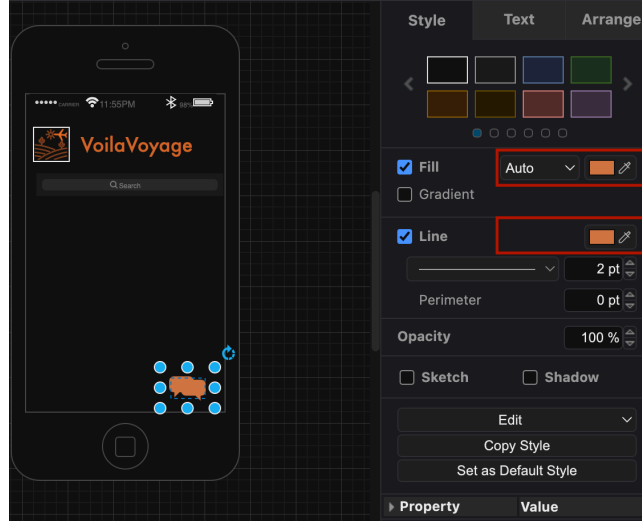
- Flight
- Hotel
- Flights & Hotels



9. Click the Chat icon and add it to the home screen.



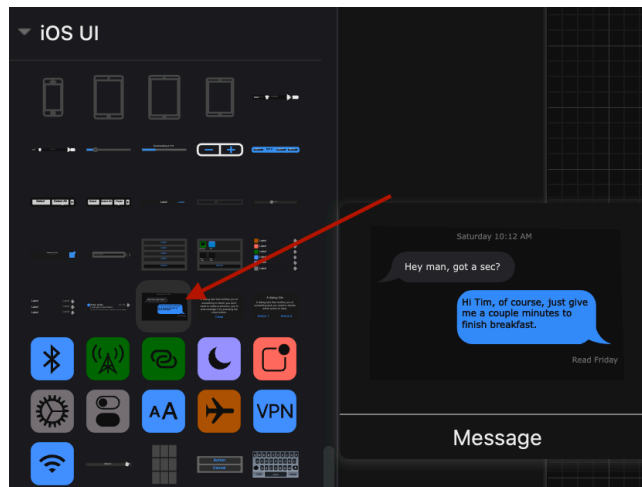
10. Position the chat icon on the bottom right, format the chat icon line, and fill in the color.



Exercise 4: Design the chat screen

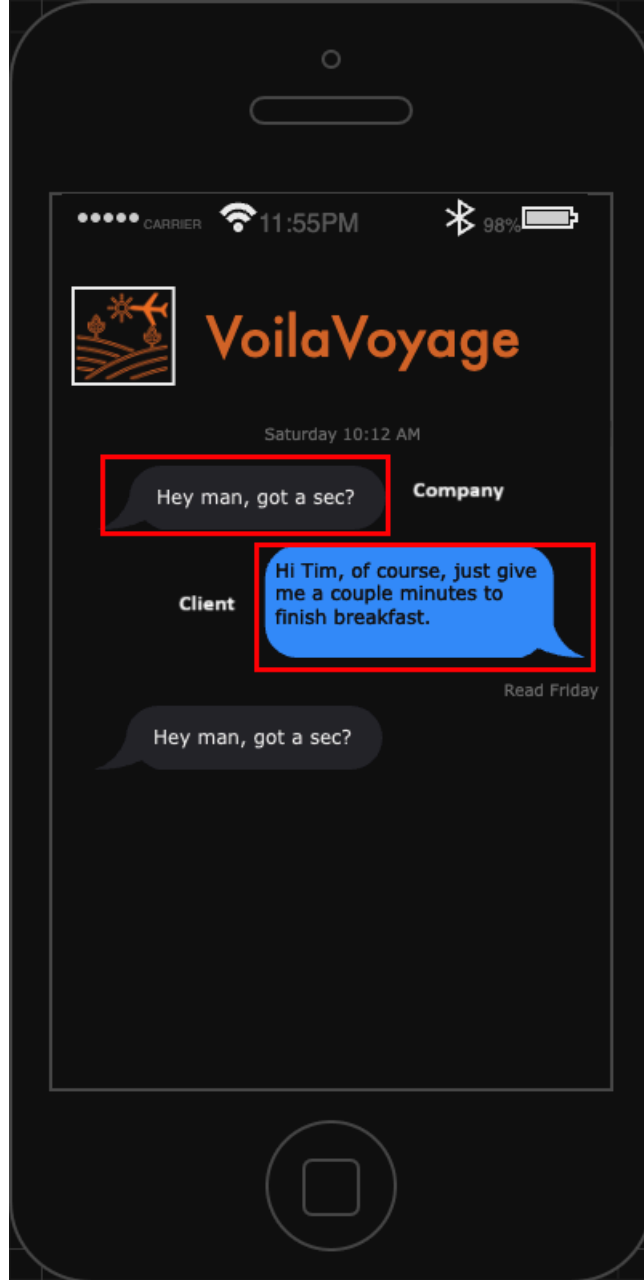
When the app user clicks the chat icon, it takes the user to the chat screen. You will now create the diagram to visualize the chat screen.

1. Add a new iPhone UI to the diagram.
2. Add the logo and the title the same way as the previous screen.
3. Add the chat to the screen.

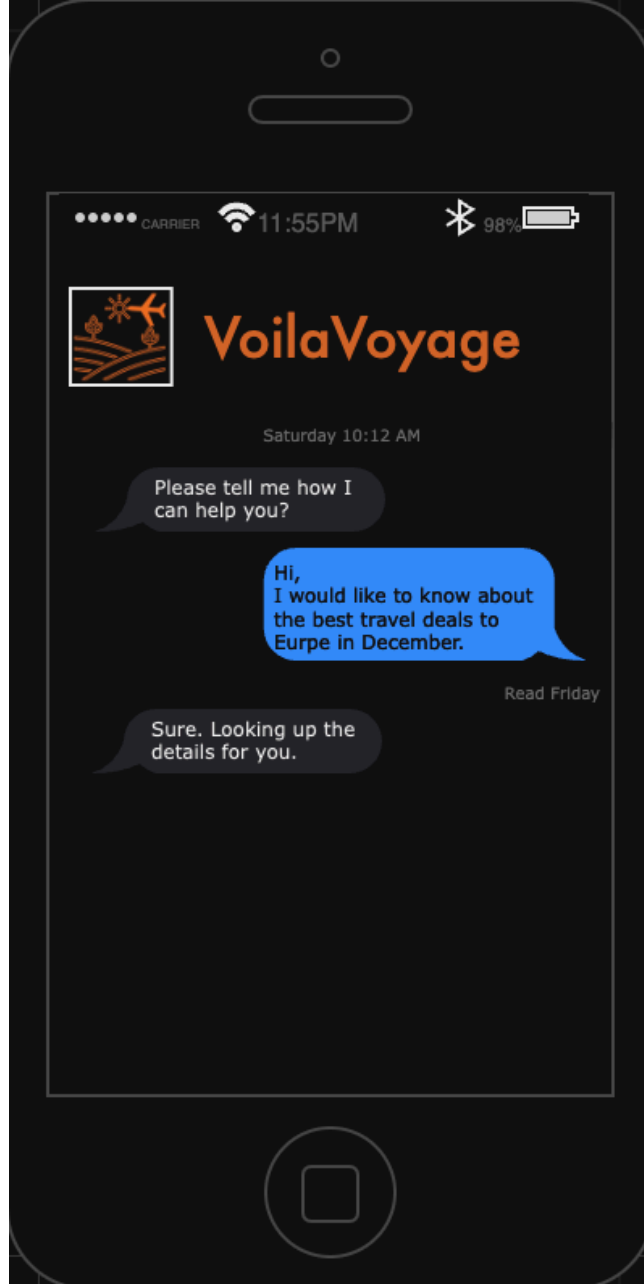


4. Copy the company chat box and paste it to make a copy under the client response chat box.

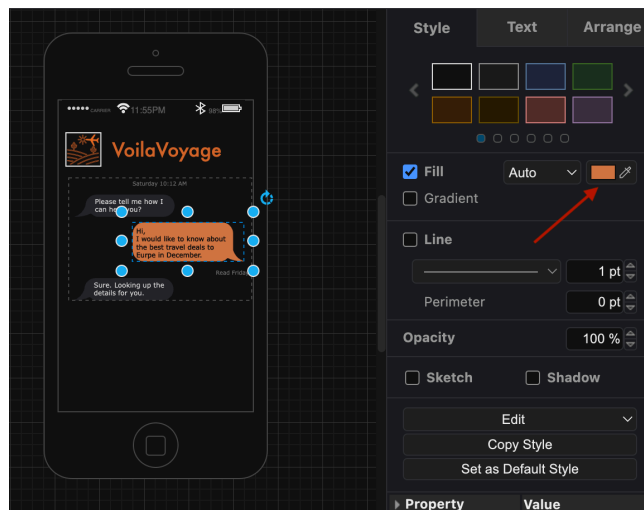
Please note that the company and client chat boxes are highlighted and labeled for your reference in the following screenshot.



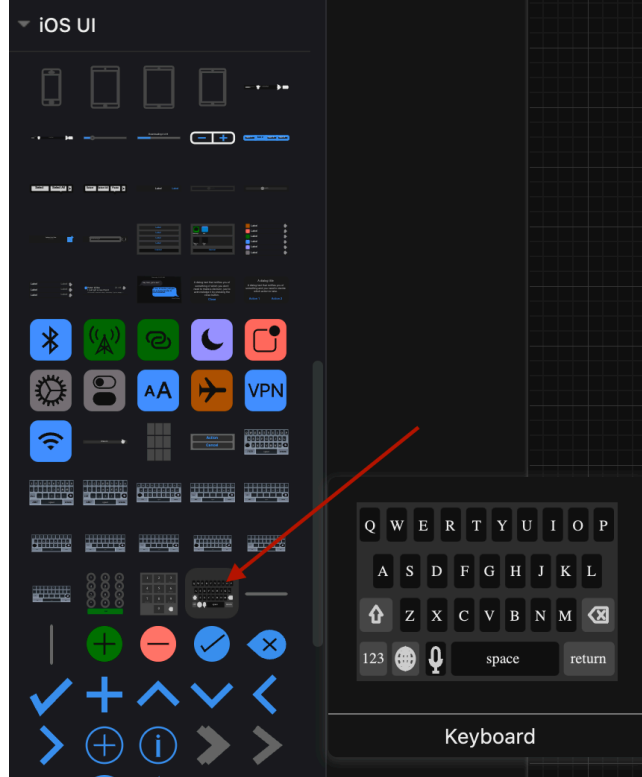
5. Double-click each chat box and customize the text as shown in the following image. Just type to edit the text.



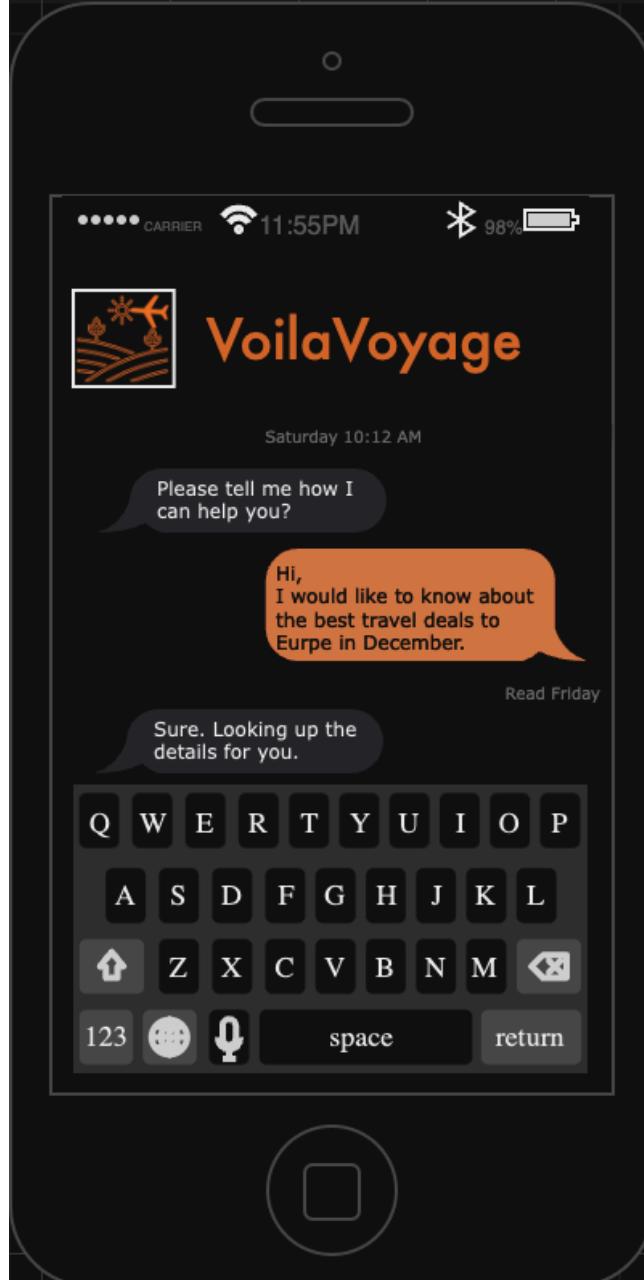
6. Click the blue client response box and format it to change the color.



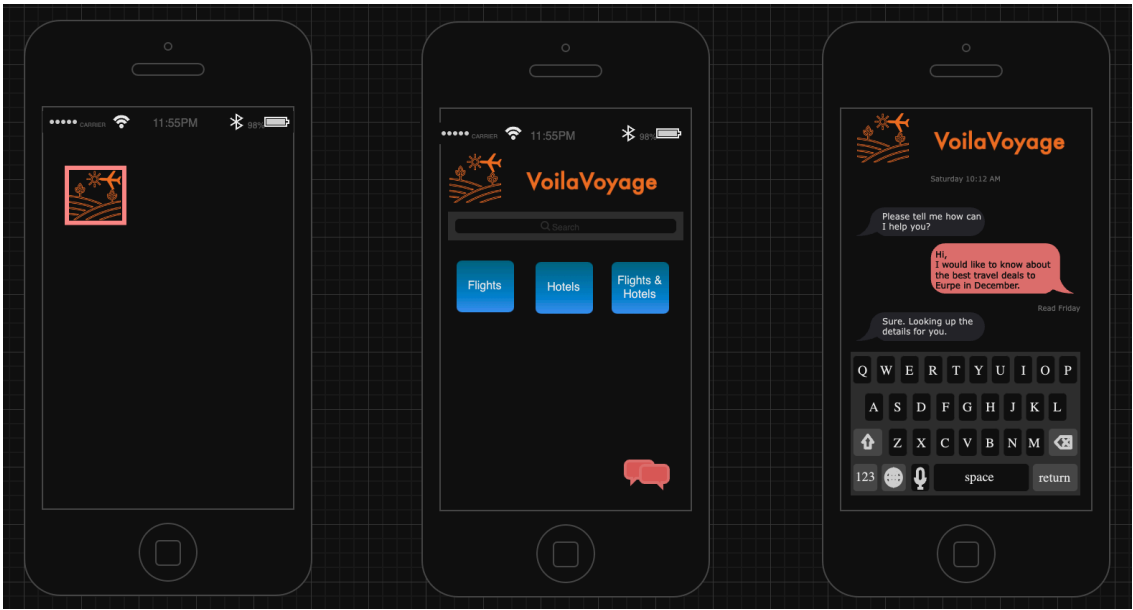
7. Add the qwerty keyboard to the screen.



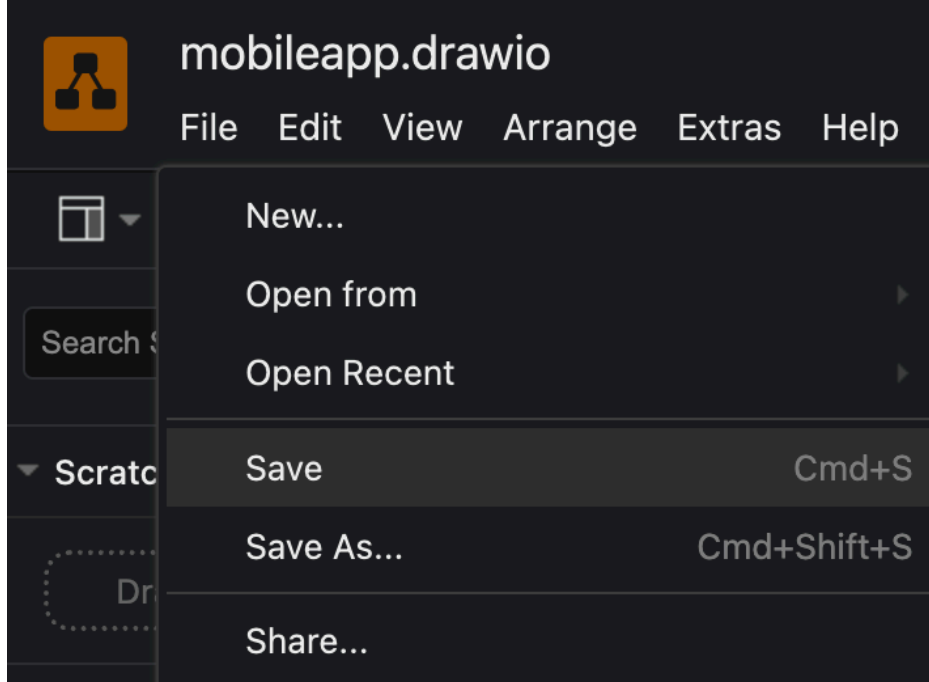
8. Resize and position the keyboard on the screen.



You should now have three screens in your diagram that are similar to the following image.



9. Select Save to save the diagram.



Practice exercise

Create these same wireframes for an Android device.

Conclusion

You have successfully created a wireframe diagram to visualize chat functionality in the VoilaVoyage company app.

Author

[Lavanya T S](#)



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