



QUICKSTART GUIDE

# PSPDFKit

## 2 for React Native

# Welcome Aboard

It's great to have you here! We can't wait for you to discover all the things possible with our SDK. Our primary focus is you, the developer, and how we can assist you in building incredible experiences.

Below you'll see a breakdown of all the products we offer and what they're capable of – from viewing, enabling markup, and helping your users collaborate, to support for more advanced PDF features and different file types.

Come discover why we're the most widely used commercial PDF SDK for React Native. And always remember: We're here to help!

## VIEWING



### Viewer

### Indexed Search

### Form Viewing

### Reader View

## MARKUP



### Annotations

### Electronic Signatures

### Digital Signatures

### Document Editor

### Form Filling

## COLLABORATION



### Replies

## ADVANCED



### Redaction

## FILE TYPES



### Image Documents

## PRODUCTS

# View Documents

Our goal: the best document viewing and reading experience for your users.

Introduction: The Cosmic Context for Life

By Andrew Fraknoi, David Morrison, Sidney C. Wolff

We saw that the universe was born in the Big Bang about 14 billion years ago. After the initial hot, dense fireball of creation cooled sufficiently for atoms to exist, all matter consisted of hydrogen and helium (with a very small amount of lithium). As the universe aged, processes within stars created the other elements, including those that make up Earth (such as iron, silicon, magnesium, and oxygen) and those required for life as we know it, such as carbon, oxygen, and nitrogen. These and other elements combined in space to produce a wide variety of compounds that form the basis of life. The first life on Earth is believed to have originated in the presence of a key unit known as an organic molecule, a molecule that contains carbon. Especially important are the hydrocarbons, chemical compounds containing only carbon and hydrogen, which serve as the basis for our biological chemistry, or biochemistry.

While we do not understand the details of how life on Earth began, it is clear that to make creatures like us possible, events like the ones we described must have occurred, resulting in what is called the chemical evolution of the universe.

What Made Earth Hospitable to Life?

About 5 billion years ago, a cloud of gas and dust in this cosmic neighborhood began to collapse under its own weight. Out of this cloud formed the Sun and its planets. Biological evolution on Earth began with the appearance of the first single-celled organisms, such as bacteria, that also orbit the Sun. The third planet from the Sun, as it cooled, eventually allowed the formation of large quantities of liquid water on its surface.

The chemical variety and moderate conditions on Earth eventually led to the formation of molecules that could make copies of themselves (reproduce), which is essential for beginning life. Over the billion years of Earth history, life evolved and became more complex. The course of evolution was punctuated by occasional planet-wide extinctions caused by collisions with some of the smaller bodies that did not make it to the Sun or by other catastrophic events. As we saw in the chapter on Earth as a Planet, mammals may owe their domination of Earth's surface to just such a collision 65 million years ago, which set off the extinction of the dinosaurs (and many, many other living things). The details of such mass extinctions are currently the focus of a great deal of scientific interest.

Through many twisting turns, the course of evolution on Earth produced a creature with self-consciousness, able to ask questions about its place in the universe. This creature is composed of atoms that were forged in earlier generations of stars—in this case, assembled into both its body and brain. We might say that through the thoughts of this human being, the infinite universe can become a reality.

Access for free at <https://openstax.org/books/astrotoday/paper/introduction>

ASTRONOMY TODAY

The Big Bang: The Cosmic Context for Life

Authors

Andrew Fraknoi, David Morrison, Sidney C. Wolff

We saw that the universe was born in the Big Bang about 14 billion years ago. After the initial hot, dense fireball of creation cooled sufficiently for atoms to exist, all matter consisted of *hydrogen* and *helium* (with a very small amount of *lithium*). As the universe aged, processes within stars created the other elements, including those that make up Earth (such as *iron*, *silicon*, *magnesium*, and *oxygen*) and those required for life as we know it, such as *carbon*, *oxygen*, and *nitrogen*. These and other elements combined in



## Viewer

Our Viewer is easy to use and offers quick document navigation and rendering, including the ability to incorporate multimedia content.



## Indexed Search

Enables your users to search across multiple documents, languages, and encoding types with near-instant results.



## Form Viewing

Access the values of objects in filled-out PDF AcroForms for additional processing.



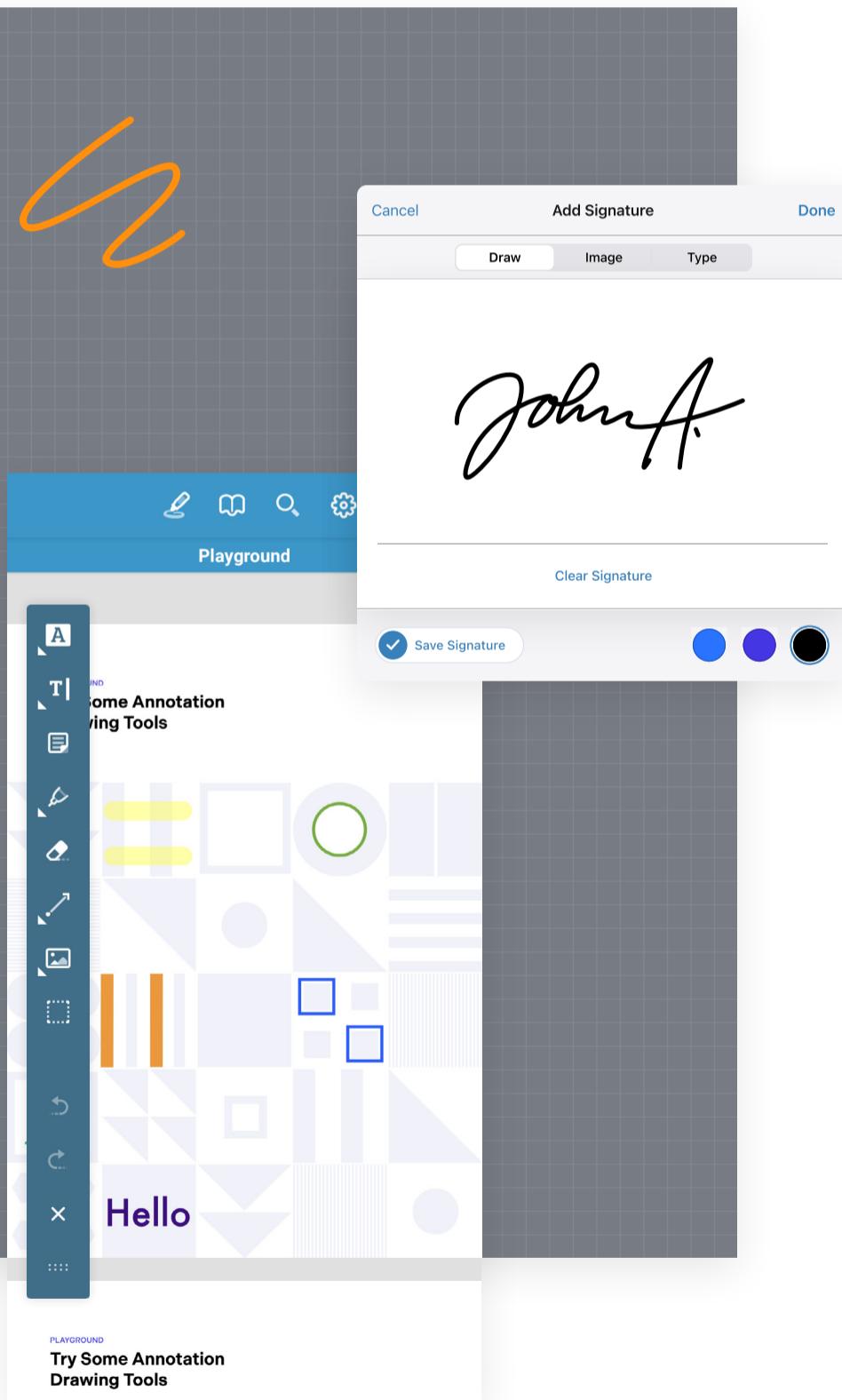
## Reader View

No more zooming or swiping around when trying to read a PDF document. Reader View puts content front and center in a simple and elegant format.

## PRODUCTS

# Enable Markup

Provide a true paper replacement with our document annotation and editing tools.



## Annotations

PSPDFKit for React Native supports all common annotation types and comes with an intuitive style controller your users will love.



## Electronic Signatures

Quickly add drawn, scanned, or typed signatures to contracts, agreements, waivers, and more.



## Digital Signatures

Users can sign documents using a personal certificate, allowing instant identity verification by your app.



## Document Editor

Unlock features like page creation, duplication, reordering, rotation, and deletion for your users.



## Form Filling

By supporting PDF AcroForms, the most commonly used form standard, your users can fill out forms with ease and save their changes in a document or submit them to a server.

## PRODUCTS

# Empower Collaboration

Turbocharge the collaboration experience for your users with integrated productivity tools.

The image shows a mobile application interface. At the top, there's a note card with a title "Note". Inside, a message from "Julia" says: "This looks great! Should we make the title more prominent?". Below it, a message from "Lucas" says: "Yes, that's a good idea. I will highlight it more.". At the bottom of the note card is a button labeled "Add your comment...". To the right of the note card is a replies icon (a purple double arrow). The background features a dumpling recipe with a photo of dumplings and chopsticks.

12

**Note**

**Julia**  
Today at 12:12

This looks great!  
Should we make the title more prominent?

**Lucas**  
Today at 13:12

Yes, that's a good idea.  
I will highlight it more.

Add your comment...

For the Dumplings:

1 package (25 pieces) of dumpling wrappers (store-bought or made at home), thawed out in the fridge  
8 ounces shelled, deveined, and cleaned shrimp, chopped  
4 ounces Asian chives (or green onions), chopped  
4 ounces of soft tofu, squeezed out excess water  
½ teaspoon salt  
½ teaspoon ground black pepper  
2 teaspoons sesame oil  
1 tablespoon potato starch

For dipping sauce:

2 teaspoons soy sauce  
1 teaspoon vinegar  
½ teaspoon hot pepper flakes  
½ teaspoon sesame seeds, crushed



## Replies

Make it easier for your users to start conversations right where they matter, without the need for external tools.

## PRODUCTS

# Advanced Tools

Not all PDFs are created equal – this is where our advanced document tools come into play.

**ACME Bank**  
**Credit Card**  
**Limit Application**

Limit Increase  Limit Decrease

Limit/Month Requested € 15,000.00 Term Requested 18 months

**Application Agreement**

Each Signer has read and agrees to all applicable provisions on the reverse side of this Application (whether or not that reverse side is faxed back to ACME Bank), including the granting of a security interest in deposit accounts, and understands that this Application may be approved or denied. ACME Bank is authorized to obtain credit records and other credit and employment information about the Signers personally (now and in the future), including from state and federal tax authorities, for deciding whether to approve the requested limit.

**Applicant Information**

Primary Authorized Officer	Social Security Number	Date of Birth	
First Name: Joanna R.	[REDACTED]	05/10/1989	
Last Name: Simonitti	Email	Credit Card №	
	jo.simonitti89@gmail.com	5500 0000 0000 0004	
Phone	Address	City	ZIP Code
[REDACTED]	[REDACTED]	New York City, NY	10001
Vehicle ownership	VIN number	Gross Annual Income €	Net Worth €
Yes, Ford Sedan	[REDACTED]	328,000.00	3,029,028.00

As reported on last Tax Return      Excluding business assets

**Terms and Conditions**

By signing below, Signer agrees to be personally responsible for any credit granted pursuant to this Application. For ACME Bank Cash Flow Manager and ACME Bank Guaranteed Cash Flow Manager Lines of Credit, this Application constitutes Guaranty under which the individual signing is a Guarantor, and individually guarantees the payment of all present and future obligations of the Business to ACME Bank in accordance with the provisions on the reverse side and the Terms and Conditions and Letter Agreement governing such Line of Credit.

Signature of Applicant  
[REDACTED]

Date of Signature  
05/25/2020

Time of Signature  
09:24 AM

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## Redaction

Enable your users to securely and irrecoverably remove sensitive text and image content from PDFs.

PRODUCTS

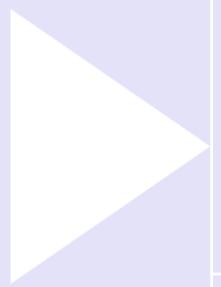
# Support Additional File Types

Extend the list of documents supported by our tools beyond PDFs.



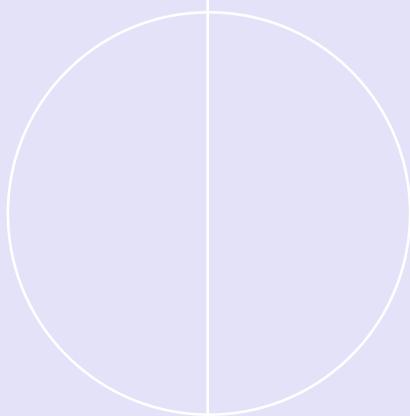
## Image Documents

Collaborate on images as you would with PDFs by annotating, editing, and sharing in a non-destructive way.



PART ONE

# Getting Started





1

# Adding PSPDFKit to Your Project

PSPDFKit 2 for React Native is designed for Android 5+ and API level 21+.

## Step 1

Open the terminal app and change the location of the current working directory inside your project:

```
cd path/to/YourProject
```

## Step 2

Add the PSPDFKit plugin:

```
yarn add github:PSPDFKit/react-native
```

## Step 3

Install all the dependencies for the project:

```
yarn install
```

## Step 4

Open your project's `pubspec.yaml` file:

```
open android/build.gradle
```

## Step 5

Add the PSPDFKit repository to download the PSPDFKit library:

```
...
allprojects {
    repositories {
        mavenLocal()
        +   maven {
            +       url 'https://customers.pspdfkit.com/maven/'
            +
        }
    ...
}
```

## Step 6

Open the app's `build.gradle` file:

```
open android/app/build.gradle
```

## Step 7

Enable `multidex` support:

```
...
defaultConfig {
    applicationId "com.pspdfkitdemo"
    minSdkVersion rootProject.ext.minSdkVersion
    targetSdkVersion rootProject.ext.targetSdkVersion
    versionCode 1
    versionName "1.0"
    +   multiDexEnabled true
}
...
```



# Installing the PSPDFKit React Native Dependency

PSPDFKit 2 for React Native is designed for Xcode 13 (iOS 15 SDK).

## Step 1

Open the terminal app and change the location of the current working directory inside your project:

```
cd path/to/YourProject
```

## Step 2

Add the PSPDFKit plugin:

```
yarn add github:PSPDFKit/react-native
```

## Step 3

Install all the dependencies for the project:

```
yarn install
```

## Step 4

Open your project's Podfile in a text editor to update the platform to iOS 13, and add the PSPDFKit Podspec:

```
open ios/Podfile
```

## Step 5

Change the location of the current working directory to the [ios](#) folder:

```
cd ios
```

## Step 6

Install the CocoaPods dependencies:

```
pod install
```

## Step 7

Open your project's Workspace in Xcode:

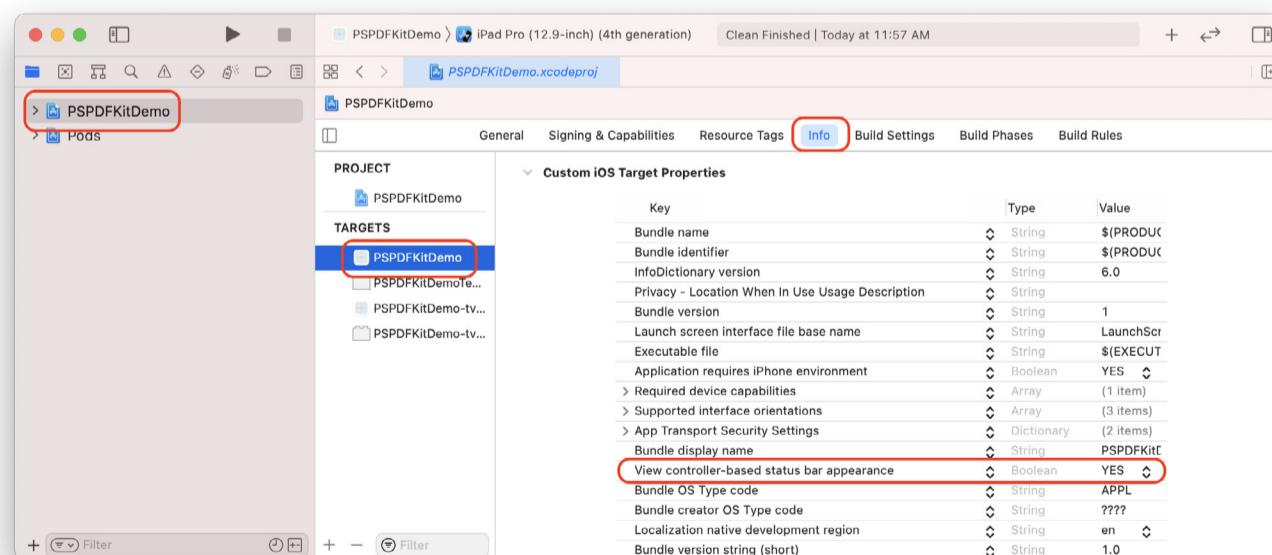
```
open YourProject.xcworkspace
```

## Step 8

Make sure the deployment target is set to 13.0 or higher.

## Step 9

Change View controller-based status bar appearance to [YES](#) in your project's [Info.plist](#):



# Displaying a PDF



Integrating into an existing project consists of initializing the PSPDFKit SDK and presenting it with a document.

## Step 1

Add the PDF document you want to display to your project.

## Step 2

Use the [PSPDFKitView](#) React component in your project:

```
const DOCUMENT = ...;

...

<PSPDFKitView
  document={DOCUMENT}
  configuration={{
    thumbnailBarMode: 'scrollable',
    pageTransition: 'scrollContinuous',
    scrollDirection: 'vertical',
  }}
  ref="pdfView"
  fragmentTag="PDF1"
  style={{flex: 1}}
/>
```

## Step 3

The app is now ready to launch! Go back to the terminal app and run:



react-native run-android



react-native run-ios

## GETTING STARTED

# Want More Help?



## Support

Support requests are handled directly by the engineers who built the product.

[Submit support ticket](#)



## Sales

Please contact our sales team with questions related to licensing and sales.

[Contact sales](#)

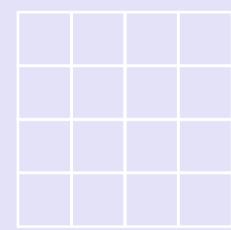


## Blog

We detail the changes and improvements to each version of PSPDFKit on our blog.

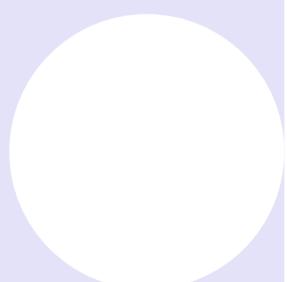
[Visit our blog](#)

## Developers Portal



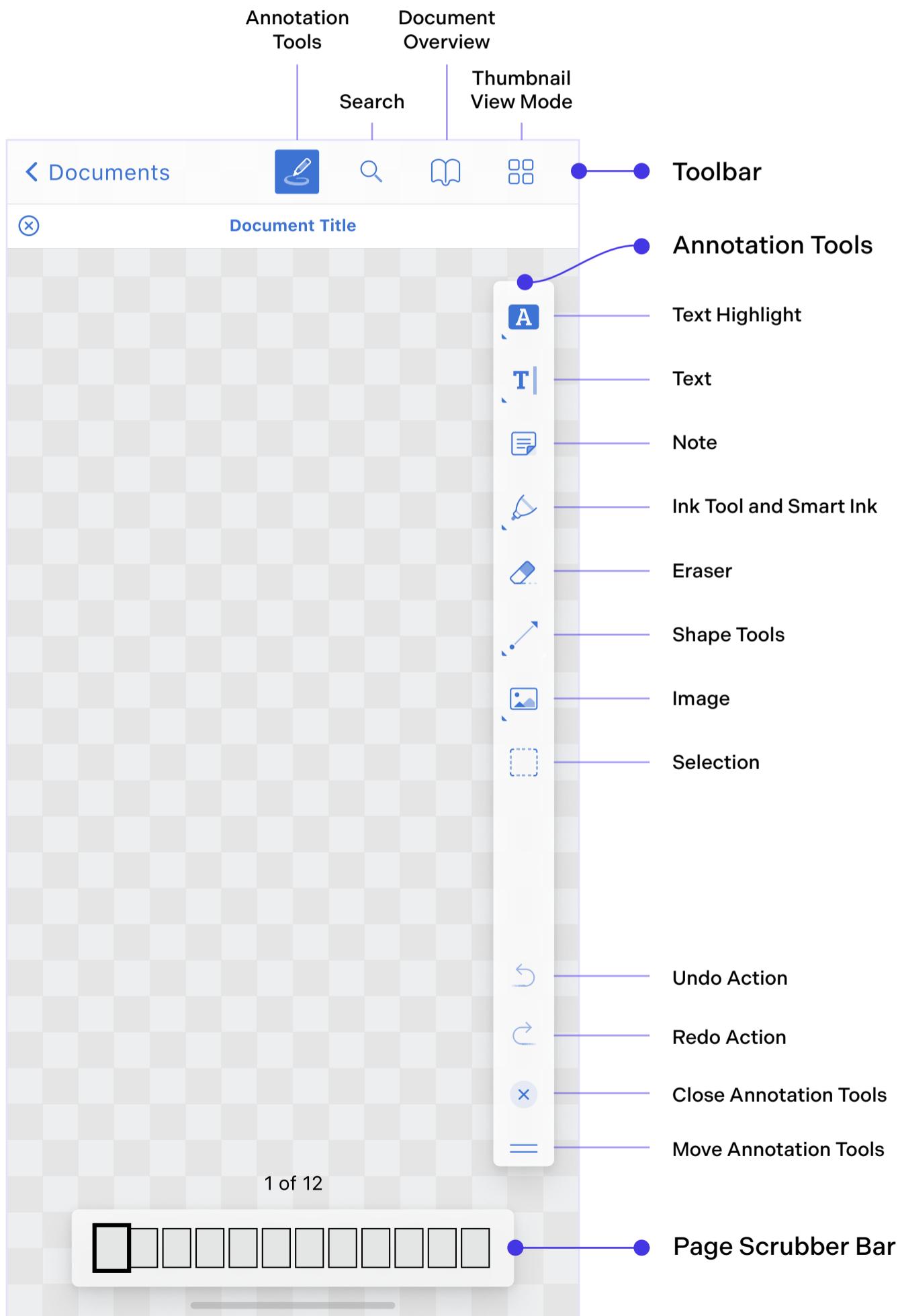
PART TWO

# Playground



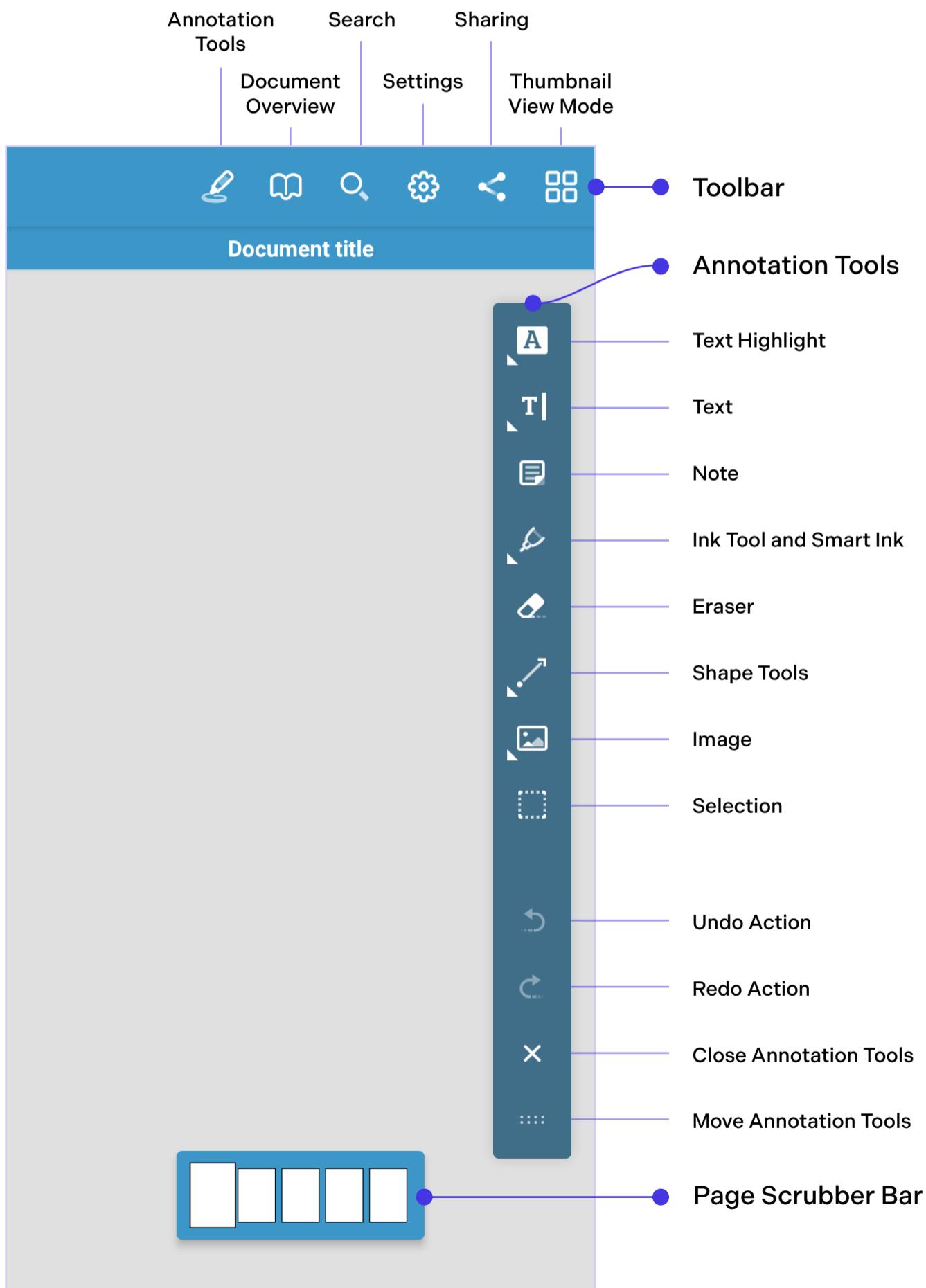


# A Quick Overview of Our iOS UI



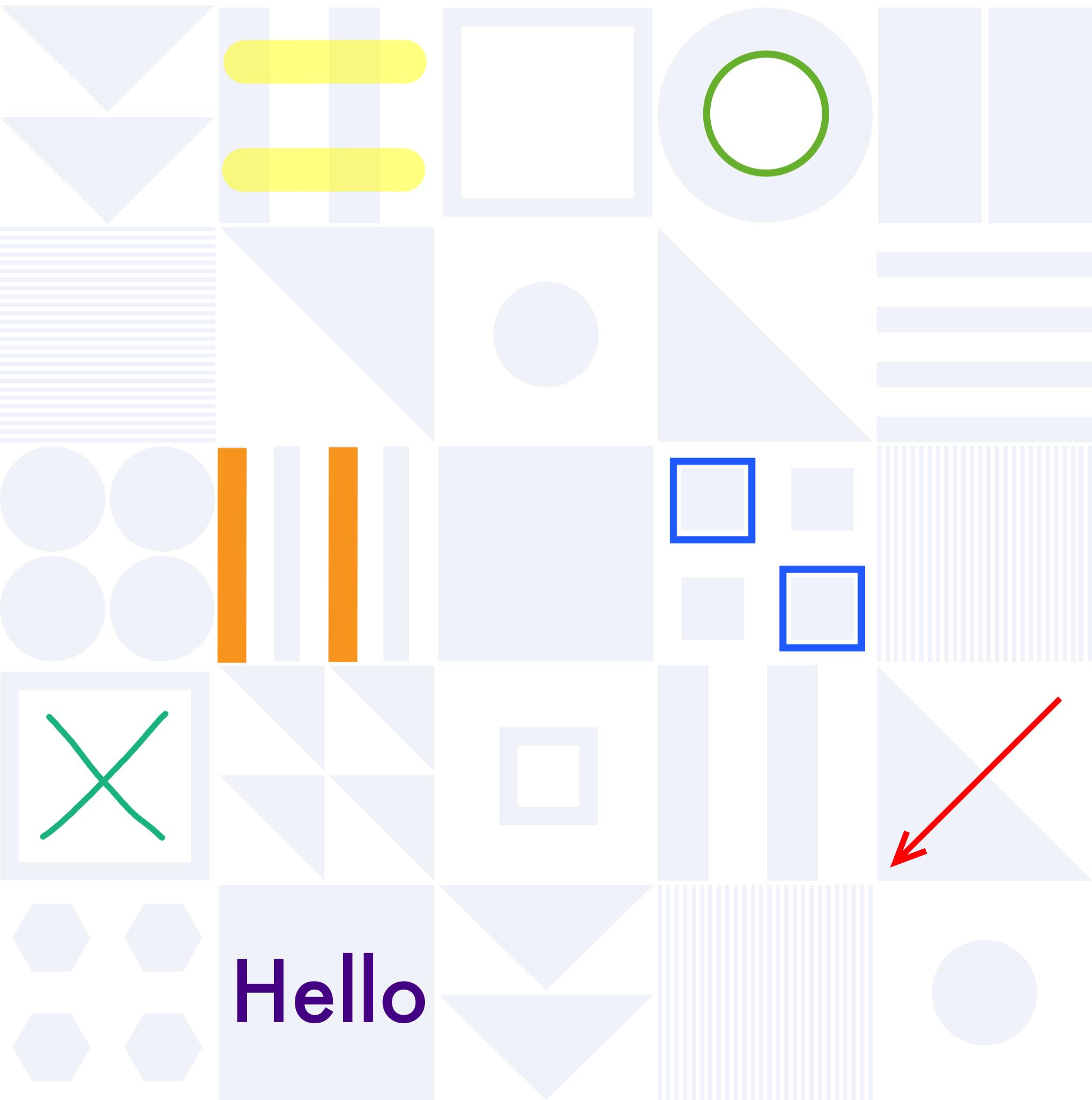


# A Quick Overview of Our Android UI



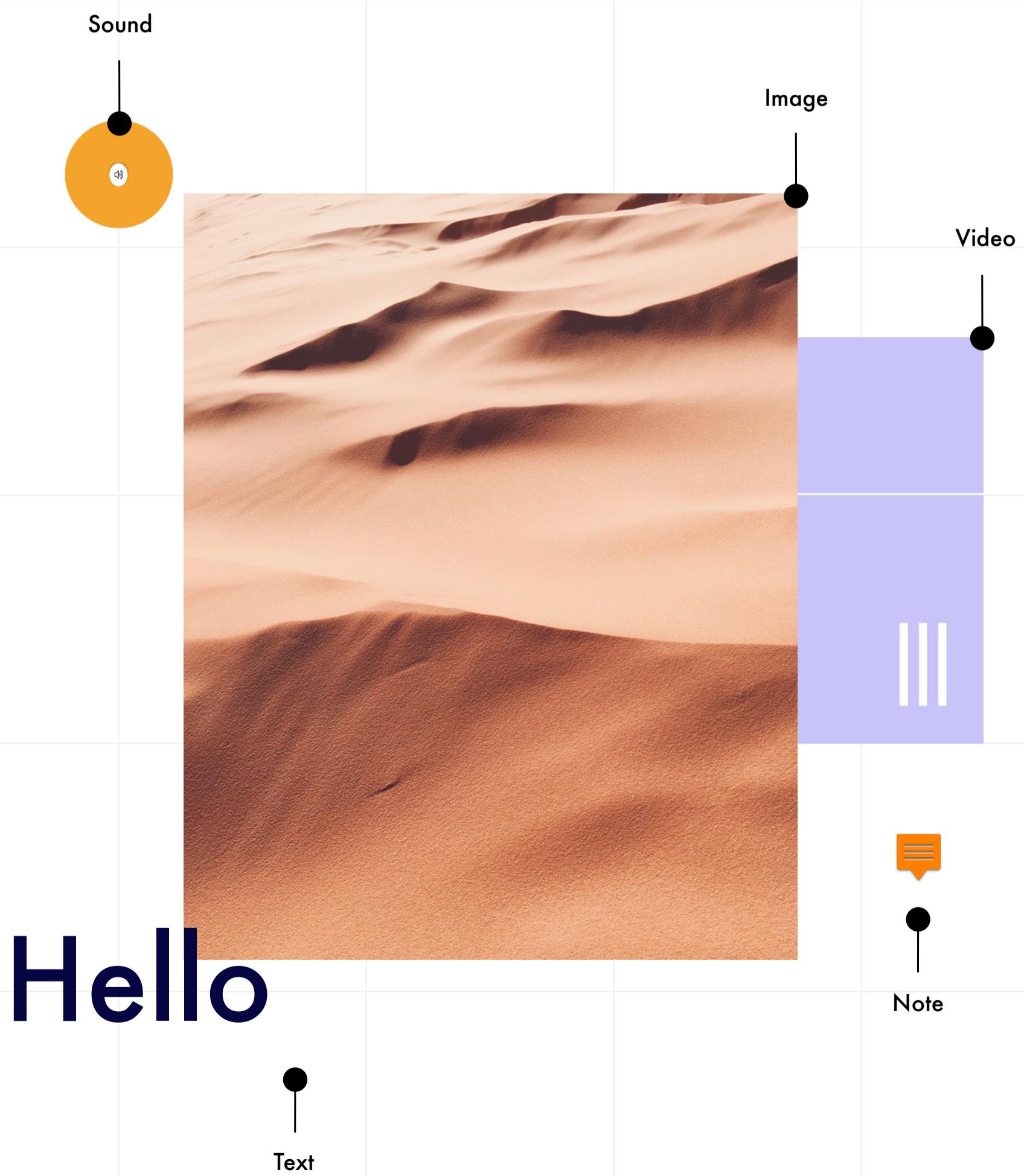
PLAYGROUND

# Try Some Annotation Drawing Tools



PLAYGROUND

# Additional Annotation Types



# PDF Forms

## Information

First name

Last name

Try out a multiline form field

Sign here, please:

## Do you like forms?

Yes!

No!

## Which form elements do you like?

Checkboxes

Radio Buttons

Text Fields

Signature Fields

Find out more about forms in our documentation

