

Orlando Permits App

Developer Documentation

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Quick Start Guide

To quickly get started with the Orlando Permits App, follow these steps:

1. Clone the repository to your local machine.
2. Open the Xcode project file (`OrlandoPermits.xcodeproj`) in Xcode.
3. Build and run the project in the iOS simulator or on a physical device.
4. Use the app to navigate through the different sections and features.

Updating the Application

Adding a New Permit Form

To add a new permit form to the application, follow these steps:

1. Add a new entry to the `PermitsListView` with a `NavigationLink` to the new form's view.
2. Create a new SwiftUI view for the form, implementing any necessary functionality and UI elements.
3. Update the `PDFView` and `PDFKitView` structs to handle the new form's PDF file and user input, if applicable.

Updating an Existing Permit Form

To update an existing permit form in the application, follow these steps:

1. Modify the existing SwiftUI view for the form to reflect the changes in the form's layout or functionality.
2. Update the `PDFView` and `PDFKitView` structs as needed to accommodate the changes.

Customizing the UI

To customize the UI of the application, follow these steps:

1. Modify the SwiftUI views in the project to change the appearance or layout of the app's screens.
2. Use SwiftUI modifiers and components to customize colors, fonts, spacing, and other UI elements.

Handling User Input

To handle user input in the application, follow these steps:

1. Use SwiftUI's `@State`, `@Binding`, and `@StateObject` property wrappers to manage the app's state and user input.
2. Implement form validation and error handling as needed to ensure data integrity.

Working with PDF Forms

To work with PDF forms in the application, follow these steps:

1. Use the `PDFKit` framework to display PDF files in the app's views.
2. Implement functionality to allow users to fill out PDF forms and submit them.

Testing and Debugging

To test and debug the application, follow these steps:

1. Use Xcode's built-in tools for debugging, such as breakpoints and the debug console.
2. Use SwiftUI's preview feature to quickly visualize changes to the UI.
3. Test the app on various devices and screen sizes to ensure compatibility.

Deployment

To deploy the application, follow these steps:

1. Set up your Apple Developer account and create a provisioning profile for the app.
2. Use Xcode's Organizer to archive the app and prepare it for distribution.
3. Upload the app to the App Store or distribute it using other methods, such as TestFlight.

This documentation provides a basic guide for future teams working on updating the Orlando Permits App. For more detailed instructions and troubleshooting, refer to the project's [Github](#) repository.