# Quick Fix Guide

## ✅ Compilation Error: FIXED

The last compilation error has been fixed in DataController.swift.

## ⚠️ Microphone Permission: ACTION NEEDED

You need to add microphone permission before the app will work.

### Fastest Method:

1. **Open Xcode**:

open DebateFeedback.xcodeproj

1. **Navigate**:
   * Left sidebar → Click **DebateFeedback** (blue project icon)
   * Center panel → Under "TARGETS" → Click **DebateFeedback**
   * Top tabs → Click **Info**
2. **Add Permission**:
   * Click the **+** button under "Custom iOS Target Properties"
   * Type: NSMicrophoneUsageDescription
   * Press Enter
   * Type: String (if not already)
   * Value: We need access to the microphone to record debate speeches.
3. **Build**:
   * Press **⌘B** (should succeed)
4. **Run**:
   * Connect iPhone/iPad
   * Press **⌘R**

## Alternative: Can't Find the Setting?

If you can't find "Custom iOS Target Properties" or the Info tab:

### Create Info.plist File:

1. Right-click **DebateFeedback** folder in left sidebar
2. New File → **Property List**
3. Name it: Info.plist
4. Add to target: **DebateFeedback** (check the box)
5. Open as **Source Code**
6. Paste this:

<?xml version="1.0" encoding="UTF-8"?>

<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">

<plist version="1.0">

<dict>

<key>NSMicrophoneUsageDescription</key>

<string>We need access to the microphone to record debate speeches.</string>

</dict>

</plist>

1. Save (⌘S)
2. Clean build (⌘⇧K)
3. Build (⌘B)

## What Happens Next?

After adding the permission and running the app:

1. ✅ App launches
2. ✅ You see login screen
3. ✅ Login as Guest or Teacher
4. ✅ Setup a debate
5. ✅ Tap START to record
6. ⚠️ **System alert appears**: "DebateFeedback Would Like to Access the Microphone"
7. ✅ Tap **OK**
8. ✅ Recording works!

## Still Having Issues?

See the detailed guide: **ADD\_MICROPHONE\_PERMISSION.md**

Or try:

* Clean build folder: **⌘⇧K**
* Delete app from device
* Restart Xcode
* Build and run again

**Status**: All code fixed ✅ | Permission needed ⚠️