



# Lập trình ứng dụng trên iOS

Tài khoản Apple Developer  
Build App – Submit App - iTunesStore



# Nội dung

- Tài khoản Apple Developer
- Build App
- Submit App
- iTunesStore

# Tài khoản Apple Developer

- Hiện nay, Apple cung cấp một số loại tài khoản dành cho các lập trình viên phát triển ứng dụng cho iOS:
  - iOS Developer Program Standard --> 99\$
  - iOS Developer Program Enterprise --> 299\$
  - iOS University Program --> Free



# Tài khoản Apple Developer(tt)

	iOS Developer Program - Individual	iOS Developer Program - Company	iOS Developer Enterprise Program	iOS Developer University Program	Registered as an Apple Developer
<b>Dev Center Resources</b>	✓	✓	✓	✓	✓
<b>iOS SDK</b>	✓	✓	✓	✓	✓
<b>Select Pre-Release Software &amp; Tools</b>	✓	✓	✓		
<b>Ability to Create Development Team</b>		✓	✓	✓	
<b>Apple Developer Forums</b>	✓	✓	✓	✓	
<b>Technical Support Incidents</b>	2 per membership year	2 per membership year	2 per membership year		
<b>Test on iPad, iPhone, and iPod/ touch</b>	✓	✓	✓	✓	
<b>Ad Hoc Distribution</b>	✓	✓	✓		
<b>In-House Distribution</b>		✓	✓		
<b>App Store Distribution</b>	✓	✓			
<b>Price</b>	\$99/year	\$99/year	\$299/year	Free	Free



# Tài khoản Apple Developer(tt)

- Đăng ký tài khoản tại: [developer.apple.com](https://developer.apple.com)
- Làm theo các chỉ dẫn để hoàn tất thủ tục đăng ký
- Gia nhập vào Program theo nhu cầu!!!

# Build App

- Build App chạy trên Simulator
- Build App chạy trên device

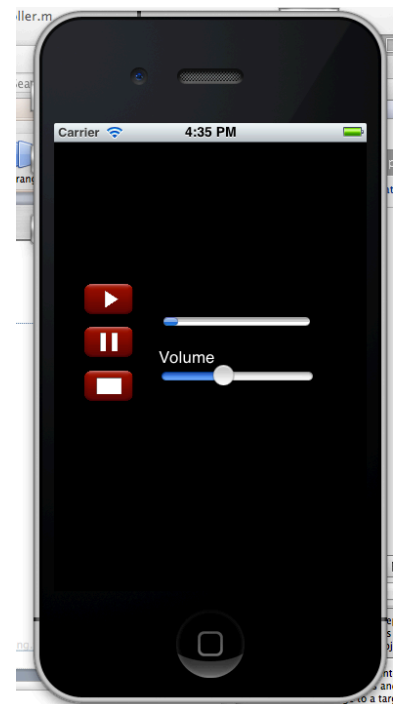
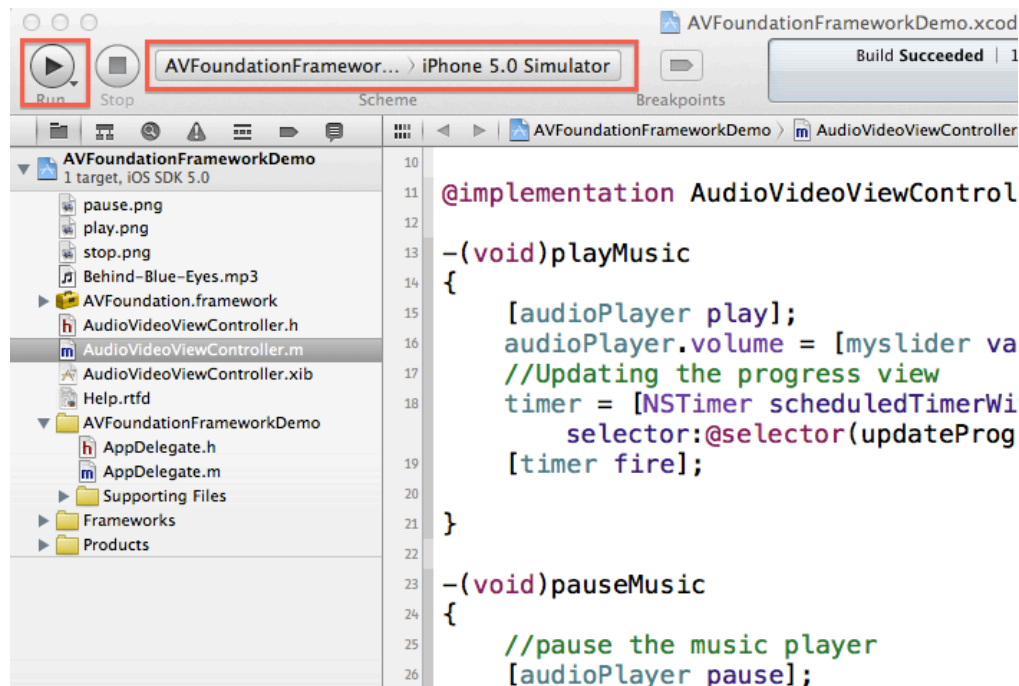


VS



# Build App (tt)

- Build App chạy trên Simulator





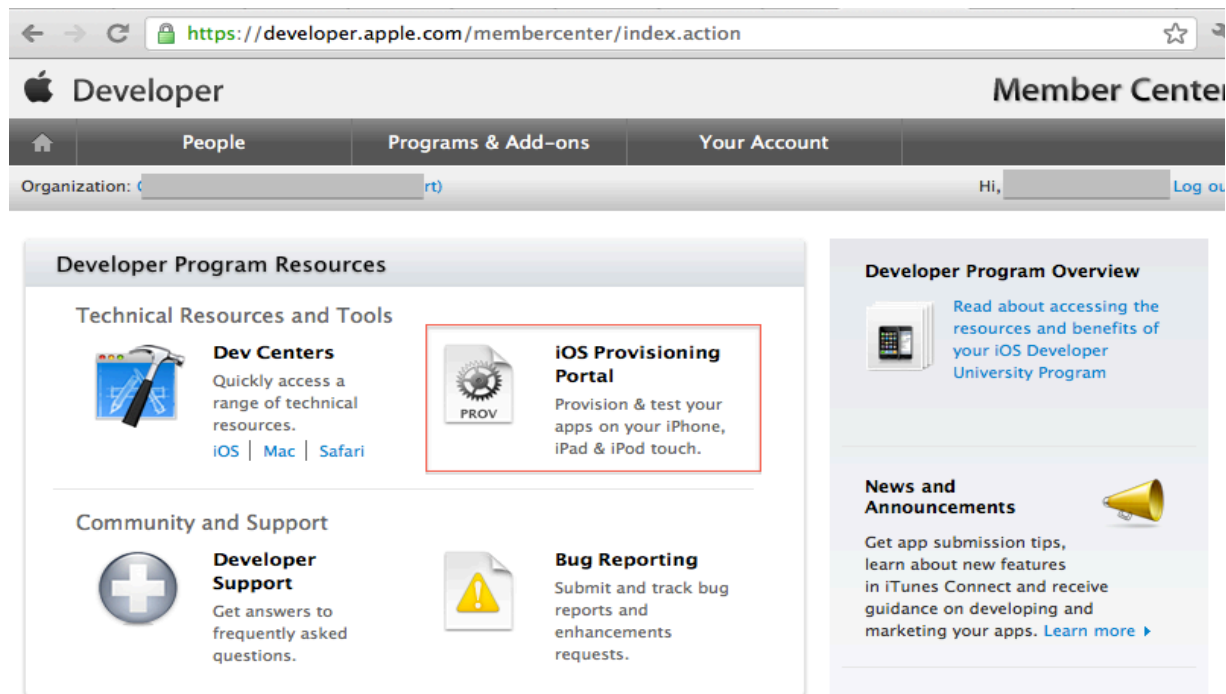
# Build App (tt)

- Build app chạy trên device
  - Cần phải có tài khoản Apple developer (University/Standard/Enterprise)
  - Tạo Certificate request và submit nó
  - Thêm identifier của device trong phần device của tài khoản
  - Tạo provisioning profile
  - Download provisioning profile và import vào Xcode
  - Thiết lập code-sign và build



# Build App (tt)

- Build app chạy trên device
  - Cần phải có tài khoản Apple developer (University/Standard/Enterprise)



# Build App (tt)

- Build app chạy trên device
  - Tạo Certificate request sử dụng Keychain Access



# Build App (tt)

- Build app chạy trên device
  - Submit certificate

The screenshot shows the Apple Developer iPhone Provisioning Portal. The browser address bar displays the URL: `http://developer.apple.com/iphone/manage/certificates/team/index.action`. The page title is "Certificates – iPhone Provisioning Portal – Apple Developer". The navigation bar includes links for "Developer", "Technologies", "Resources", "Programs", "Support", and "Member Center". The main content area is titled "iPhone Developer Program" and shows the "Provisioning Portal" section. The left sidebar lists "Home", "Certificates", "Devices", "App IDs", "Provisioning", and "Distribution". The "Certificates" section is active, showing tabs for "Development", "History", and "How To". Under "Current Development Certificates", there is a section titled "Your Certificate" with a table. The table has columns: "Name", "Provisioning Profiles", "Expiration Date", "Status", and "Action". A message states: "You currently do not have a valid certificate". A red box highlights the "Request Certificate" button in the "Action" column. Below the table, a note says: "\*If you do not have the WWDR intermediate certificate installed, [click here to download now](#)."

Name	Provisioning Profiles	Expiration Date	Status	Action
ⓘ You currently do not have a valid certificate				Request Certificate

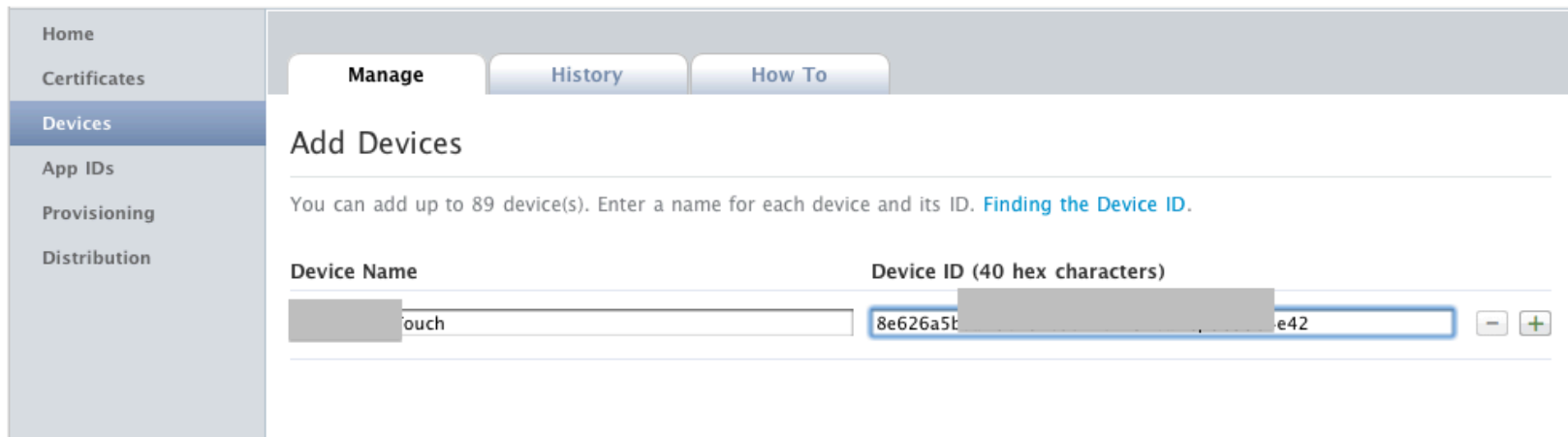
# Build App (tt)

- Build app chạy trên device
  - Thêm identifier của device trong phần device của tài khoản



# Build App (tt)

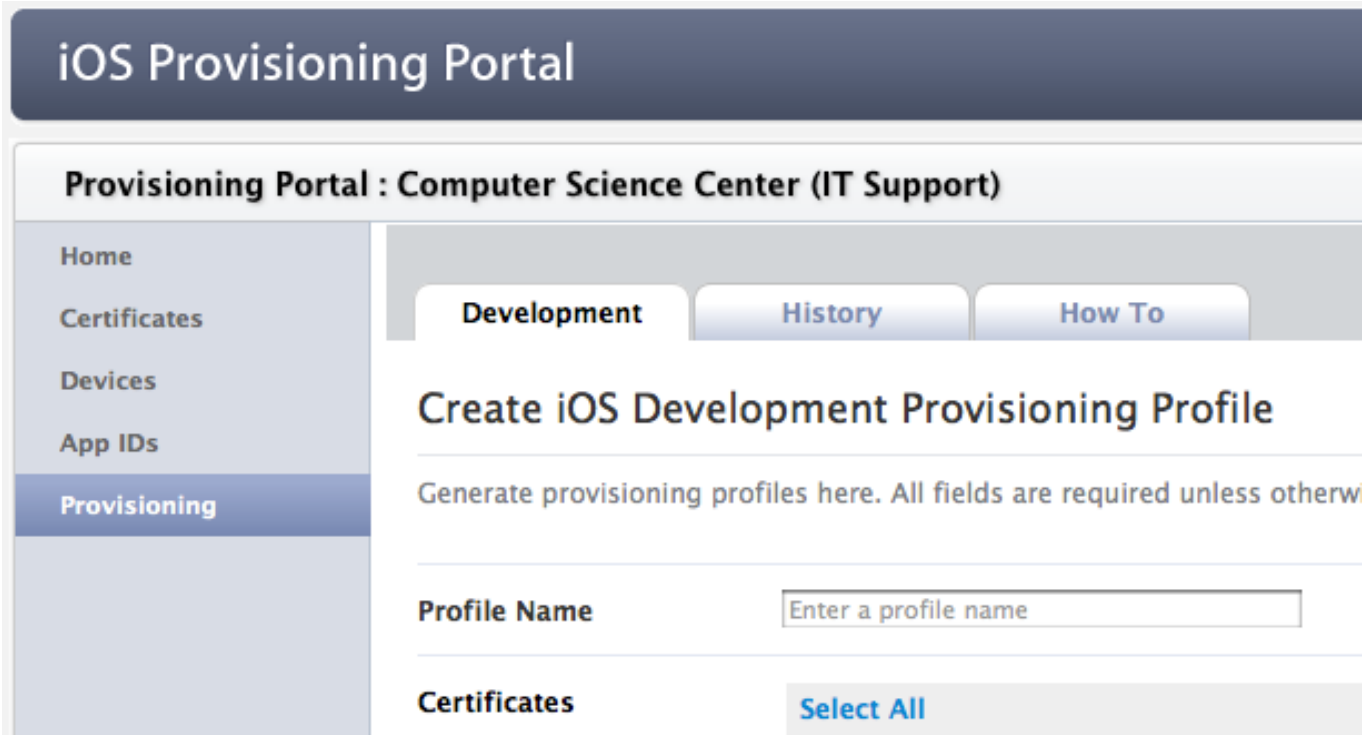
- Build app chạy trên device
  - Thêm identifier của device trong phần device của tài khoản



The screenshot shows the 'Add Devices' page in the Apple Developer portal. On the left is a sidebar with navigation links: Home, Certificates, Devices (highlighted), App IDs, Provisioning, and Distribution. The main content area has tabs for 'Manage', 'History', and 'How To'. Below the 'Manage' tab, the title 'Add Devices' is followed by a description: 'You can add up to 89 device(s). Enter a name for each device and its ID. [Finding the Device ID.](#)'. There are two input fields: 'Device Name' with the text 'ouch' and 'Device ID (40 hex characters)' with the text '8e626a5b...e42'. To the right of the Device ID field are minus and plus icons for expanding/collapsing the text.

# Build App (tt)

- Build app chạy trên device
  - Tạo provisioning profile



The screenshot displays the iOS Provisioning Portal interface. At the top, a dark blue header reads 'iOS Provisioning Portal'. Below it, a light gray bar indicates the current location: 'Provisioning Portal : Computer Science Center (IT Support)'. On the left, a sidebar menu lists navigation options: 'Home', 'Certificates', 'Devices', 'App IDs', and 'Provisioning' (which is highlighted in blue). The main content area features three tabs: 'Development' (selected), 'History', and 'How To'. Below the tabs, the heading 'Create iOS Development Provisioning Profile' is displayed. A sub-instruction states: 'Generate provisioning profiles here. All fields are required unless otherwise specified.' The form includes a 'Profile Name' label followed by a text input field containing the placeholder 'Enter a profile name'. Below this, the 'Certificates' label is followed by a button labeled 'Select All'.

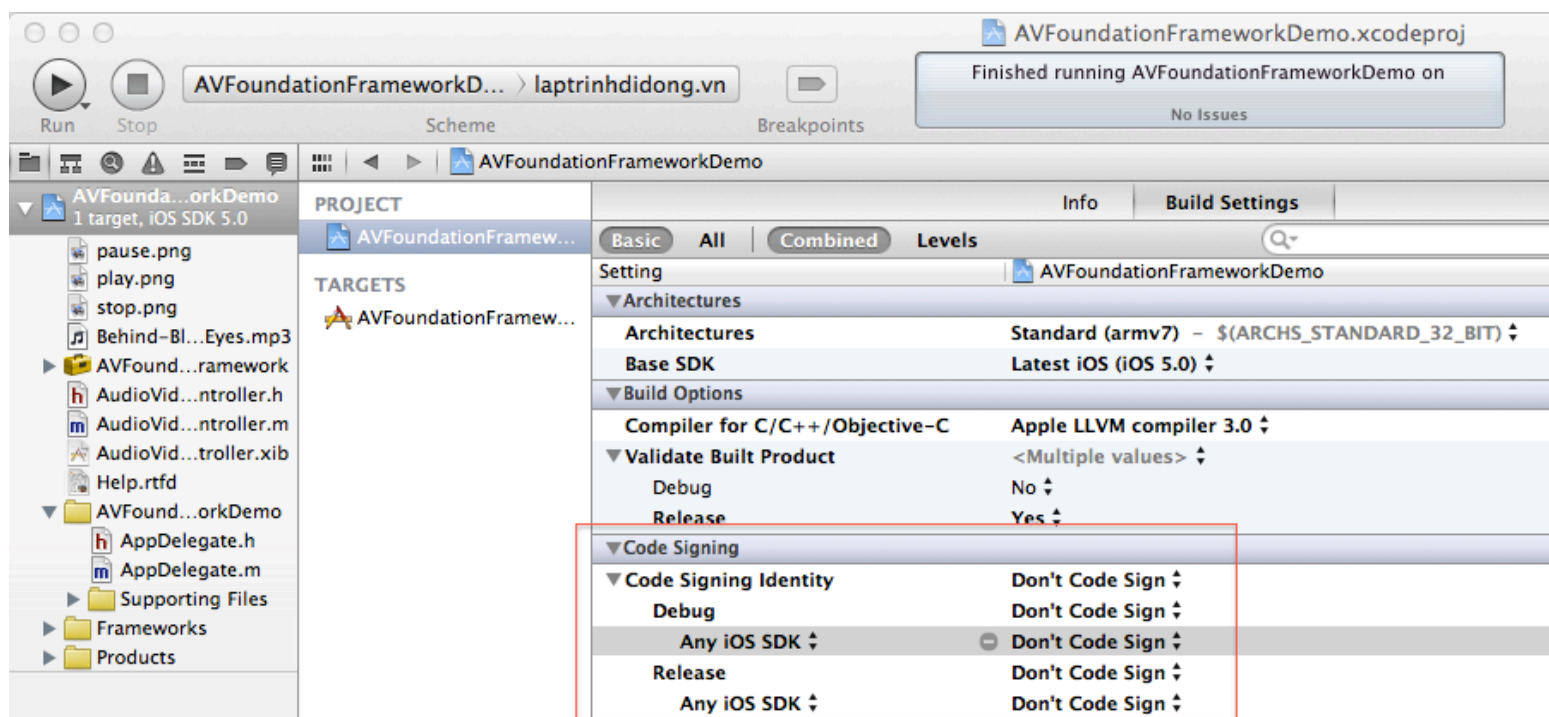
# Build App (tt)

- Build app chạy trên device
  - Download provisioning profile và import vào Xcode



# Build App (tt)

- Build app chạy trên device
  - Thiết lập code-sign và build







# Submit App



Welcome to  
**Application Loader**  
Version 2.4.1 (190)

Application Loader is a tool that helps you submit content for the iTunes Store.

To get started, sign in with your iTunes Connect account.

Apple ID

Password

[Forgot password?](#)



Cancel

Next

# iTunesStore

The screenshot displays the iTunes Store interface. On the left is a sidebar with categories: LIBRARY (Music, Movies, TV Shows, Podcasts, Apps, Radio), STORE (iTunes Store), DEVICES (laptop with laptrinhdidong.vn), SHARED (Home Sharing), GENIUS (Genius), and PLAYLISTS (iTunes DJ, 90's Music, Classical Music, Music Videos, My Top Rated, Recently Added, Recently Played, Top 25 Most Played). The main content area features a large banner for 'Cutting-Edge Games' with the tagline 'Eye-Popping 3D Graphics'. To the right of the banner are three smaller promotional images: 'TURN-BY-TURN NAVIGATION', 'Party Planner', and 'Newsstand'. Below the banner is a 'New & Noteworthy' section with a 'See All >' link, displaying six app icons: AirCassette Music, EPOCH Games, My Note Games Music, Rocket Riot™ Games, Finger Focus Photo & Video, and Gangstar Rio: City of Saints Games.