

# iPhone Application Design

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- iPhone Application Design Checklist
  - iPhone applications are complex, and it's important to keep your eye on both the style and the function of your product.
- When you inspect your application, check the following aspects
  - No broken links in application, internal or external
  - Removed the word "beta" from anywhere in application or documentation
  - Any accessories to be used with the application are authorized by Apple
  - Application interface follows Apple Human Interface Guidelines
  - No long load times
  - Loads are covered by a graphical loading image or animation
  - Resource utilization is well within bounds and doesn't make platform laggy
  - Application is sufficiently different from pre-existing applications
  - Application doesn't duplicate functionality of Apple applications
  - Application doesn't use trademarks of other companies (or similar names)
  - Application doesn't interfere with iPhone function (such as draining battery life)
- Metadata Checklist for Creating iPhone Applications
  - For an iPhone application to function, it needs to check all the boxes for metadata.
- Follow these rules to make your metadata functional and helpful
  - Primary language chosen
  - Company name defined
  - SKU number is defined; use UPC if available
  - Application name and description are set
  - Application description is concise but full and views well on the iPhone
  - Primary app category and subcategories chosen
  - Secondary app category and subcategories chosen
  - Copyright and version strings are defined
  - Application URL is defined, valid, and stable

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- Support URL is defined, valid, and stable
- Support email address is defined, valid, and receives e-mails
- EULA written and defined (if needed)
- EULA (if defined) is consistent with iTunes minimum terms and conditions
- If user must accept EULA, the app asks user within app itself
- Supported devices selected
- Game advisories defined
- Distribution regions chosen
- Payment information defined on iTunes Connect (Paid Applications contract)
- Price tier chosen
- Encryption: US Department of Commerce approval obtained if encryption is used for anything other than authentication
- iPhone Application Name Checklist
  - Even if you have a great iPhone application idea, you need a great name that sells it.
- Follow a few simple rules to make your name memorable and successful:
  - Can be found easily with appropriate search terms
  - Is no longer than 20 characters
  - No version number appears in app name
  - No other brands (for example, "iPhone") in app name
  - Is simple, concise, and relevant
  - Is not too similar to the name of another product
- Checklist for Making Screen Shots of Your iPhone Applications
  - In the Apple store, you need to communicate the function and elegance of your application with smartly selected graphics.
  - You can submit up to five screen shots for your listing.
- Follow these steps to make your graphics count:
  - Created Primary screen shot
  - Primary screen shot shows what app is and main functions
  - (Optional) Created up to four additional screen shots
  - Additional screen shots support primary screen shot
  - All screen shots are high-quality and easily legible

- All screen shots are appropriate, both culturally and in terms of maturity
- Status bar removed from all screen shots (if present)
- Each screen shot has correct size:
  - 320x460 for Portrait, status bar removed
  - 320x480 for Portrait, full screen
  - 480x300 for Landscape, status bar removed
  - 480x320 for Landscape, full screen
- Localization Checklist for Creating iPhone Applications
  - An iPhone application may be designed in one country and distributed in many.
  - For maximum sales, you need to consider the language and cultural preferences of every country where you hope to make sales.
- Check these design and language aspects of your application
  - Languages chosen for localization
  - The following elements are localized in all languages
    - Application name
    - Application description
    - Application URL
    - Support URL
    - Support email
    - Screen shot(s)
    - App binary
  - All localizations are professional (they aren't just word-for-word translations)
  - All elements in a given language are appropriate to all cultures that use that language
  - All localized elements are also tailored to target culture