

Mobile Application Developer Assignment

Build a Simple App Using AI Tools

Time estimate: 3-4 hours

Deadline: 2 days from receiving this assignment

The Task

Build a **Daily Quote App** with the following features:

Core Requirements

1. **Display a random quote** on the home screen
2. **Save favorites** - Users can favorite quotes and view them in a separate list
3. **Share functionality** - Users can share a quote via the system share sheet
4. **Basic persistence** - Favorites should persist between app sessions

Design Requirements

- Use **Figma Make** or **Stitch** (stitch.withgoogle.com) to generate your UI designs
- Export and implement the designs in your app
- Include screenshots or a link to your Stitch/Figma Make designs in your submission

Technical Requirements

- Use any mobile framework: SwiftUI, React Native, Flutter, or Kotlin
 - You may use any free quote API (e.g., ZenQuotes, Quotable)
 - App should run without crashes
 - Clean, readable code
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What We're Really Testing

More than coding, this is an AI-tool proficiency test.

We want to see how effectively you use AI tools (Claude Code, Cursor, Copilot, ChatGPT, etc.) to build software. We expect you to finish faster and produce cleaner output by leveraging AI effectively. We would love to see your workflow

We're evaluating:

Criteria	Weight
Effective AI tool usage (workflow, prompting, iteration, debugging)	35%
Design tool usage (Stitch/Figma Make)	15%
Working app that meets requirements	25%
Code quality and organization	15%
Documentation and communication	10%

Submission Requirements

1. GitHub Repository

- Public repo with your complete source code
- README with:
 - Setup instructions
 - Brief description of your AI coding approach
 - List of AI tools used
 - Link to your Stitch/Figma Make designs (or include screenshots)

2. Loom Video (4-5 minutes)

This is the most important part. Record yourself walking through:

1. **Demo the app** - Show it working on simulator or device
2. **Design process** - Show how you used Stitch or Figma Make to create your designs and export them
3. **AI workflow showcase** - Show specific examples of how you used AI tools and your workflow:
 - What prompts worked well?

- How did you iterate when AI gave wrong answers?
- Any clever techniques you used?

3. TestFlight Build (Nice to Have)

If you're building in SwiftUI/iOS, submitting a TestFlight link is a plus but not required. You can send testflight invites to lazyme2305@gmail.com

Tips for Success

- **Don't hide AI usage** - We WANT to see you use AI. Screen record your workflow if possible.
 - **Quality over features** - A polished and aesthetic simple app beats a buggy complex one.
 - **Show your AI coding skills** - Good workflows and prompts → better output. Show us you know how to communicate with AI.
 - **Debug with AI** - When you hit errors, show how you use AI to debug rather than just Googling.
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FAQs

Q: Can I use any framework?

A: Yes. SwiftUI, React Native, Flutter, Kotlin—whatever you're comfortable with.

Q: What if I've never used Claude Code/Cursor?

A: Now's a great time to try! Both have free tiers. We care about your ability to learn and adapt.

Q: Can I use templates or boilerplate?

A: Yes, but mention it in your README. We're evaluating how you build on top of starting points.

Q: What if my app has bugs?

A: Minor bugs are fine. Major crashes are not. Show us you can test your own work.

Questions? Reply to this email and we'll get back to you within 24 hours.

Good luck! 