AI Coding Prompt Template (for APP building)

▼ Instruction

1. find an idea

2. figure out what feature you need to build

3. workout userflow (prompt GPT with the features if you are unsure of this step)

4. find/ask GPT what APIs & libraries are needed & gather links to their documentation

5. paste the entire prompt (feature +userflow +documentation) to cursor composer

    a. add @before any link to make it readable for cursor

▼ Template

you are an excellent IOS engineer. we are currently building an IOS application called [app name]. you are currently at the root directory of the project, please help me finish the development of this project!

##APP feature description

1. feature A: [further explanation]

2. feature B: [further explanation]

3. feature C: [further explanation]

##APP interface description

1. page A: [key components & user flow]

2. page B: [key components & user flow]

3. page C: [key components & user flow]

##Relevant Documentation

1. Documentation for [name] API: [Link to documentation]

2. API Key: [API key]

▼ the prompt i used for timeSync app (from my video)

you are an excellent IOS engineer. we are currently building an IOS application called timeSync. you are currently at the root directory of the project, please help me finish the development of this project!

APP feature description

1. input time: allow user to input their current timezone and time zone of people they want to synchronize with

2. translate time: after the user & team/friend's timezone is determined, the user can input an arbitrary time in their timezone (in the future) and user can see the timezone of his or her teammate.

3. generate text/email: the user can select generate text message where a text message including the 3 timezone

APP interface description

Page A: Timezone Input

A simple interface for users to set their timezone preferences:

- Title: "Set Your Timezones"

- Input Fields

  - User's timezone (searchable dropdown)

  - Team/friend's timezones (with "Add Another" option)

- Actions: "Next" button to continue

Page B: Time Translation

Convert times between selected timezones:

- Title: "Translate Timezones"
- Features
  - Date/time picker for input
  - Real-time timezone conversions display
- Actions: "Back" and "Generate Message" buttons

Page C: Message Generation

Create shareable timezone information:

- Title: "Create Your Message"
- Features
  - Formatted message preview
  - Custom message options
  - Example format:
    Meeting Proposal:
    User Timezone (EST): January 20, 2025, 10:00 AM
    Teammate A Timezone (PST): January 20, 2025, 7:00 AM
    Teammate B Timezone (GMT): January 20, 2025, 3:00 PM
- Actions
  - "Back" button
  - "Send via Email" option
  - "Copy to Clipboard" function

hope this helps & happy building :)

dm or email me if you have any questions or suggestions to this template

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