

## Document of AI prompts

1. Consider you are working in an environment, and you are in a tight deadline to build your first mobile app in three days. What is the tech stack you would consider? How would you do validation testing without a physical device? How easy is it to build an app in Android vs IOS?
2. You have a project due in 3 days. You are building an app for the first time. How would you split your workload among all the days.
3. What are the key differences between React Native and Flutter for cross-platform app development? Which offers better performance and cyber-safety features at scale?
4. Let's say you have an assignment to build a fishing app, what are the features you would include that is not common and it should make you stand out?
5. What is Expo Go? How helpful is it in building mobile apps? Is it compatible for both Android and IOS devices?
6. How to prepare for a take home assignment? What are some of the best practices for a take home assignment? What to keep in mind as a developer? What are the good documentation practices I can follow?
7. How do I handle stale cache for map/weather data?
8. What's the best strategy for unit testing React Native components with Firebase?
9. there are many fishing apps in the world right now, scan through as many as you can and, can you give me a list of features that those do not have and that is doable in two days? The feature should be innovative, Let's focus on CyberSafety/Privacy, tech novelty and features that would really help fisherman
10. I am building an app that helps hobbyist fisherman. So, I want to understand the key requirements a fisherman should consider before going on a fishing trip (e.g., gear). What are the potential features that could make the app novel, simple, and helpful for users. Please provide a detailed list of both requirements for fishing and feature ideas to enhance user experience.
11. What are validation test cases that can be done to check Supabase and Firebase work correctly?
12. What are the libraries that are not supported by Expo Go development? What are the key ways to make Expo Go builds work with those libraries?
13. What types of mobile apps benefit most from heavy animations vs minimal static design?
14. This is the Login Component required for a fishing app. You are a UI designer, what would be the different ways you would design the UI of this component? Please explore three different options - modern, cute and animated. Can you generate three different UI styles for the app? Please remember that it is a fishing themed app, make sure to have a good amount of blue, black and white.

```
<View>
  <View>
    <Text>Please Login</Text>
  </View>

  <View>
```

```

    <TextInput
      placeholder="Email"
      value={email}
      onChangeText={setEmail}
    />
    <TextInput
      placeholder="Password"
      value={password}
      onChangeText={setPassword}
      secureTextEntry
    />
  </View>
  <View>
    <TouchableOpacity onPress={handleLogin}>
      <Text>Login</Text>
    </TouchableOpacity>

    <Text>
      Don't have an account?{" "}
      <Text>Sign Up</Text>
    </Text>

    <Text>
      Forgot Password?
    </Text>
  </View>
</View>
);

```

15. What are optimised ways to render an Image background? How would adding an image background for the entire app impact performance of the app?
16. What are the different options in mobile app development to render a optimised background which is colorful and ocean-themed? What are svg image backgrounds? Please explain in details on how it's used, how it affects performance of the app? Are they better than image based backgrounds?
17. You are new to android studio and you are learning to build an app from scratch for the first time, how would you build an app in android using React? What are the key points that you would have to remember while developing an app that is compatible for both android and apple?
18. After integrating Supabase and Firebase Authentication, I sometimes get the error: (NOBRIDGE) ERROR Supabase error: {"code":"PGRST116","details":"The result contains 0 rows"}. Explain why this happens immediately after signup. How to fix this?

19. How to do error handling when the permission for camera access isn't available? [Error: Missing permission to access camera]
20. Please generate detailed testcases that cover the entire code logic ( Used copilot for this)