

Hunger Station - October 2024 - Questions

Interest and Focus

1. Why would you be interested in iOS/Android and not continue with Web or other?

Optimization and Debugging

2. What does optimization look like to you: what would be your instinct for debugging that App?
3. If there was a problem with memory, how would you investigate it further?

Architecture and Modularization

4. Building a modular app: What does that mean for you?
5. Testability, maintainability: what would the architecture look like if it was modular (MVC, etc.)?
6. Difference between MVC and VIPER?

Testing and Coverage

7. Function with an arbitrary number of parameters: What would make you confident you have covered all test cases?
8. Given a codebase: What would you look at to know how many test cases are covered?

Design Principles

9. Discussion on design aspects: do you have exposure to the SOLID principles?
10. Why do we have SOLID principles in the first place?

Dependency Injection

11. Have you ever had to implement dependency inversion? Related to dependency injection...
12. Why do we do dependency injection?

13. What would be the consequence of not using dependency injection if certain objects are available globally?

Onboarding

14. How would you onboard yourself on a codebase?

15. Ballpark figure of how long it takes to onboard a codebase?

Observability and Proactivity

16. Observability: How would you be proactive about non-technical errors? For example, some buttons not being clickable.

17. The test cases did not catch the error. What do you do to detect it in production?

Conflict Resolution

18. How did you go about resolving conflicts?

19. How do you work with your product manager and stakeholders?

20. Preference on Kanban or Scrum?

21. Have you had a conflict with product counterparts?