Mobile testing

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GROW TOGETHER
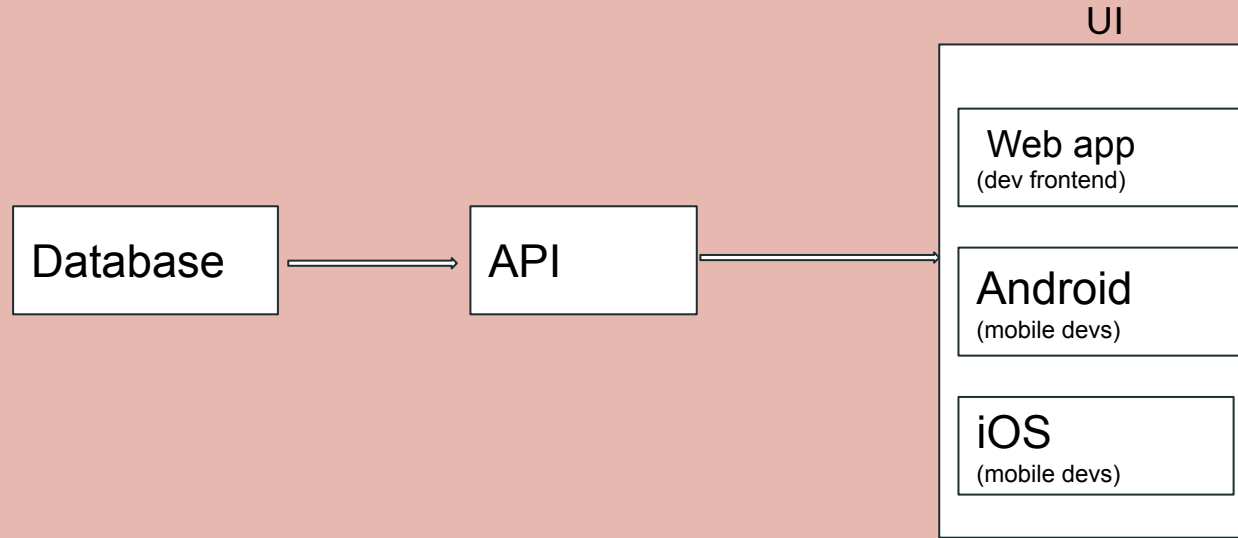
1. Why do we need to test mobile app?
2. Main categories of mobile app testing
3. What different between mobile app and web app
4. Practice
5. Review day 4
6. Project tasks & Interview questions

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Review day 4

1. Why do we need to test mobile app?

Database → API → UI

UI:
- Web app (dev frontend)
- Android (mobile devs)
- iOS (mobile devs)

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2. Main categories of mobile app testing

- Functional testing
- Performance testing
- Interrupt testing:
    + Incoming Call, SMS
    + Battery: low, full, charging
    + Alarm
- Usability testing: keyboard,notif in/other app, open notif in/other app, noti list, mobile time/pin/wifi information, rotate, reopen after killing app, Media player on/off: headphone or no headphone, Network switching, network disconnected…
- Installation testing or upgrade testing
=> Test on: OS of iOS/Android, version of devices, screen size

3. What different between mobile app and web app testing?

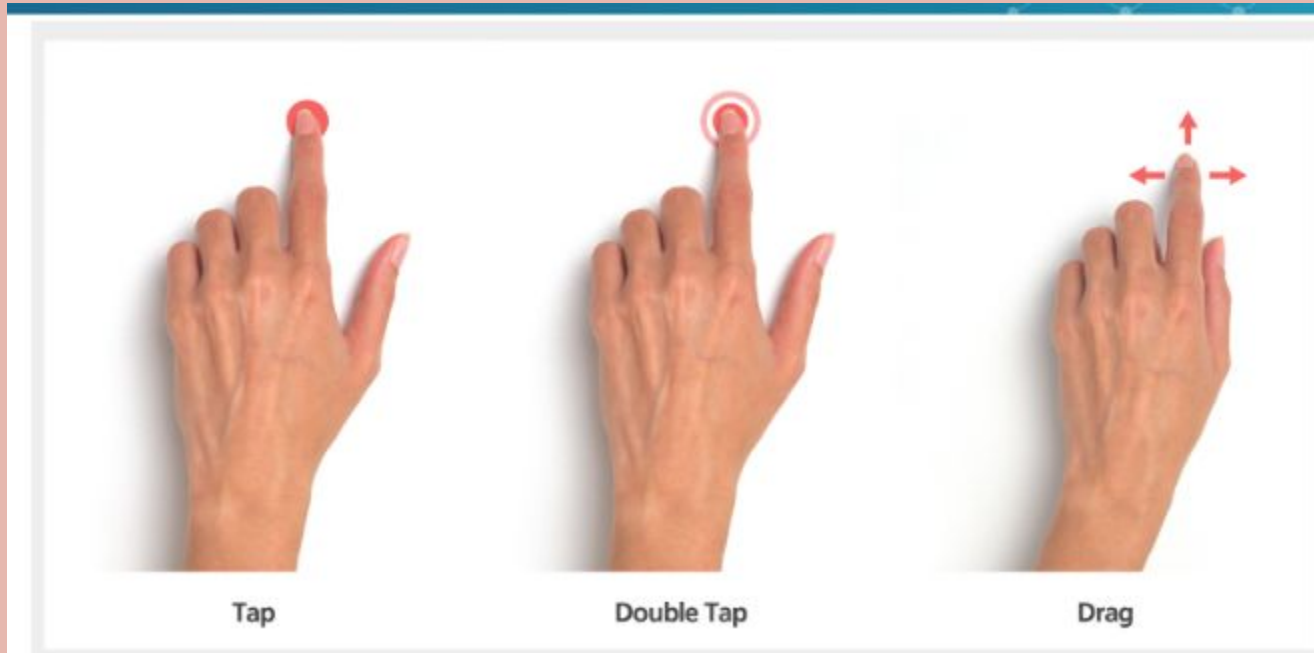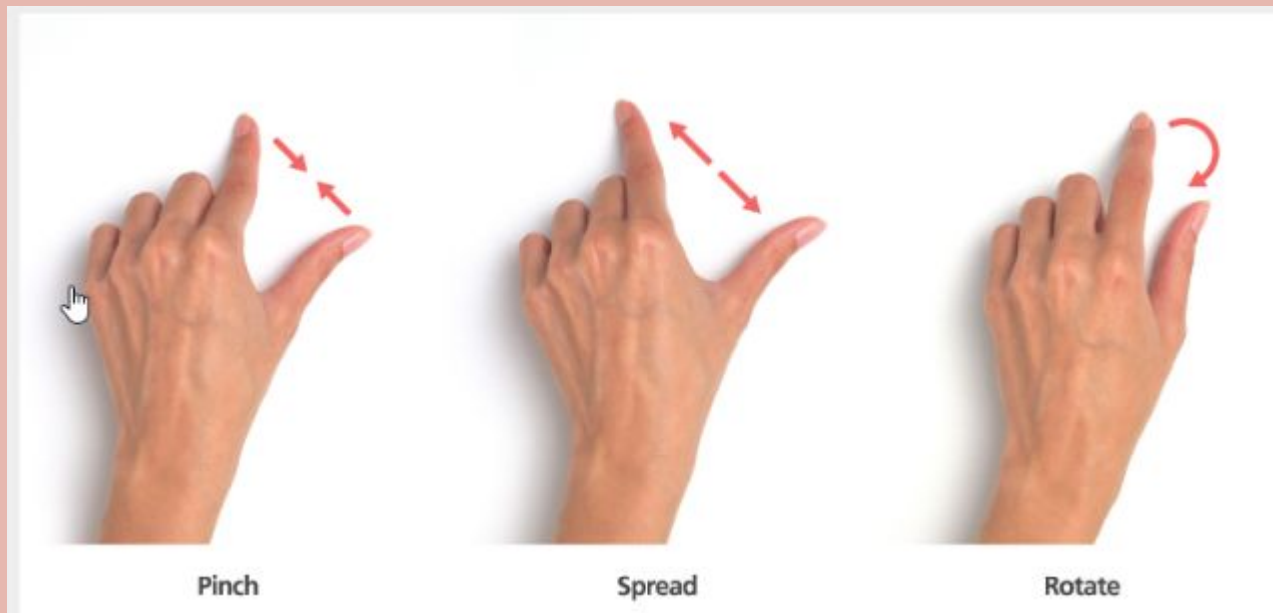| Web App Testing	Mobile App Testing

Web App Testing
- Testing is performed on devices with different viewports like laptops, desktop, etc.
- Cross browsers compatibility
- Existing website is tested
- In web app testing, the test is performed from a usability and UI/UX perspective.

Mobile App Testing
- Testing is performed on range of handheld devices like mobiles, tablets, etc.
- Cross devices or OS
- Mobile app has to be downloaded from the corresponding app store
- Depending on the app type (i.e. native/hybrid), the app needs to be tested for access to the necessary hardware peripherals (e.g. GPS, Bluetooth, etc.) in the device

Some actions for mobile

Tap   Double Tap   Drag

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Pinch

Spread

Rotate

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2 Fingers Drag   3 fingers Horizontal Drag   3 fingers Vertical Drag

5. Practice

Design mobile test case: change password (or image)

5. Project tasks & Interview questions

1. Have you ever done with mobile testing?
2. How many and what kind of devices did you test before?
3. What different between mobile testing and web testing?
4. How to choose the device and version to execute test?

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Project tasks

Sprint 2:
1. Write test case for mobile: Update gender, write comment and rating
2. Execute test on Android and iOS (Update gender, change password)
3. Log bug
4. Download App on:

   iOS: https://apps.apple.com/vn/app/ubuy-international-shopping/id613084551

   android: https://play.google.com/store/apps/details?id=com.ubuy

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