

HYBRID APP DEV

PRACTICE SESSION 1: UI

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Structure of Practice Sessions

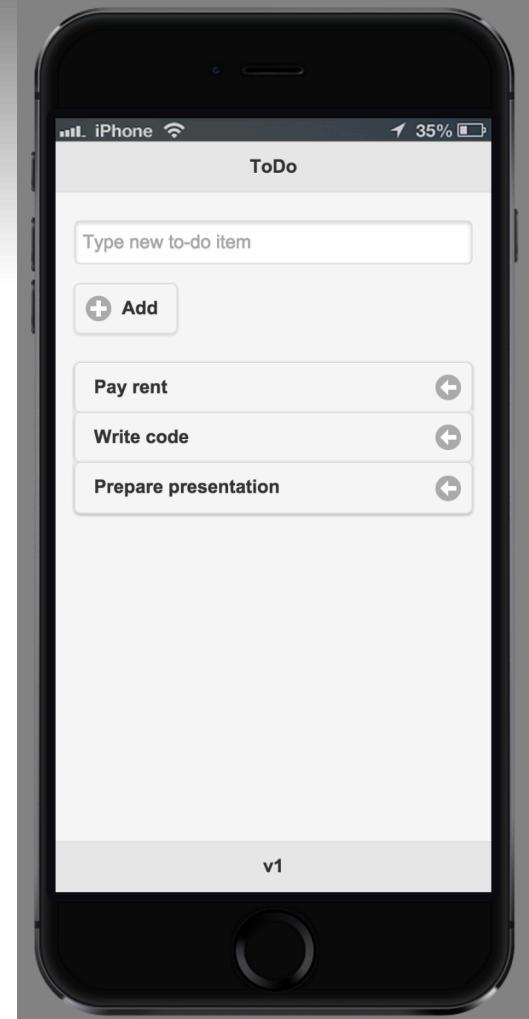
- I present exercise
 - You work individually on exercise (~20 mins)
 - You discuss with peer how did s/he solve it (~5)
 - I present a solution (~5)
-
- Are you fast? Make a creative addition!

Session Theme: UI

- Develop from scratch a simple UI
 - With jQM
- Use XDK's designer tools
 - Try a different UI framework
- Implement events
 - Click
 - Swipe

Exercise 1: Develop from scratch a simple UI –with jQM

- Download from Wiki:
XDKblankTemplate.zip
- Open with XDK
- Go to “Develop” tab
- Open the files: index.html & app.js
- Develop the following UI:
 - Tips:
 - make sure you also include jQM in index.html
 - Look at: <http://demos.jquerymobile.com/1.4.5/>

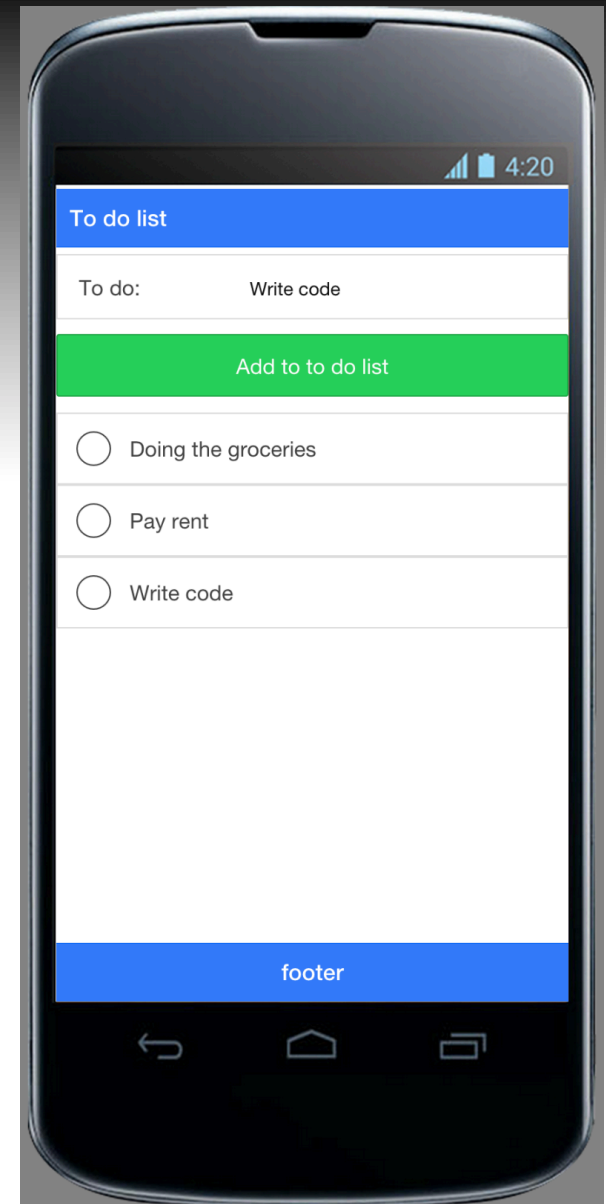


Exercise 2:

- A.** Make the previous app functional –i.e. when the user types in a todo-item it should add to the list
- B.** When the user taps on an item, the item is deleted
- C.** When the user left-swipes the item changes its icon and color and then when the user taps the user can delete the item

Exercise 3

- Repeat exercise 1 but now use XDK's "App Designer" tool with another UI framework
- Tips:
 - Make a new project and choose an appropriate template
 - Make sure to have checked "Use App Designer"
 - For Ionic UI:
<http://ionicframework.com/docs/v2/components/>



Solutions

- In WIKI

SUMMARY

- Structure of practice session
- Exercises on UI

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