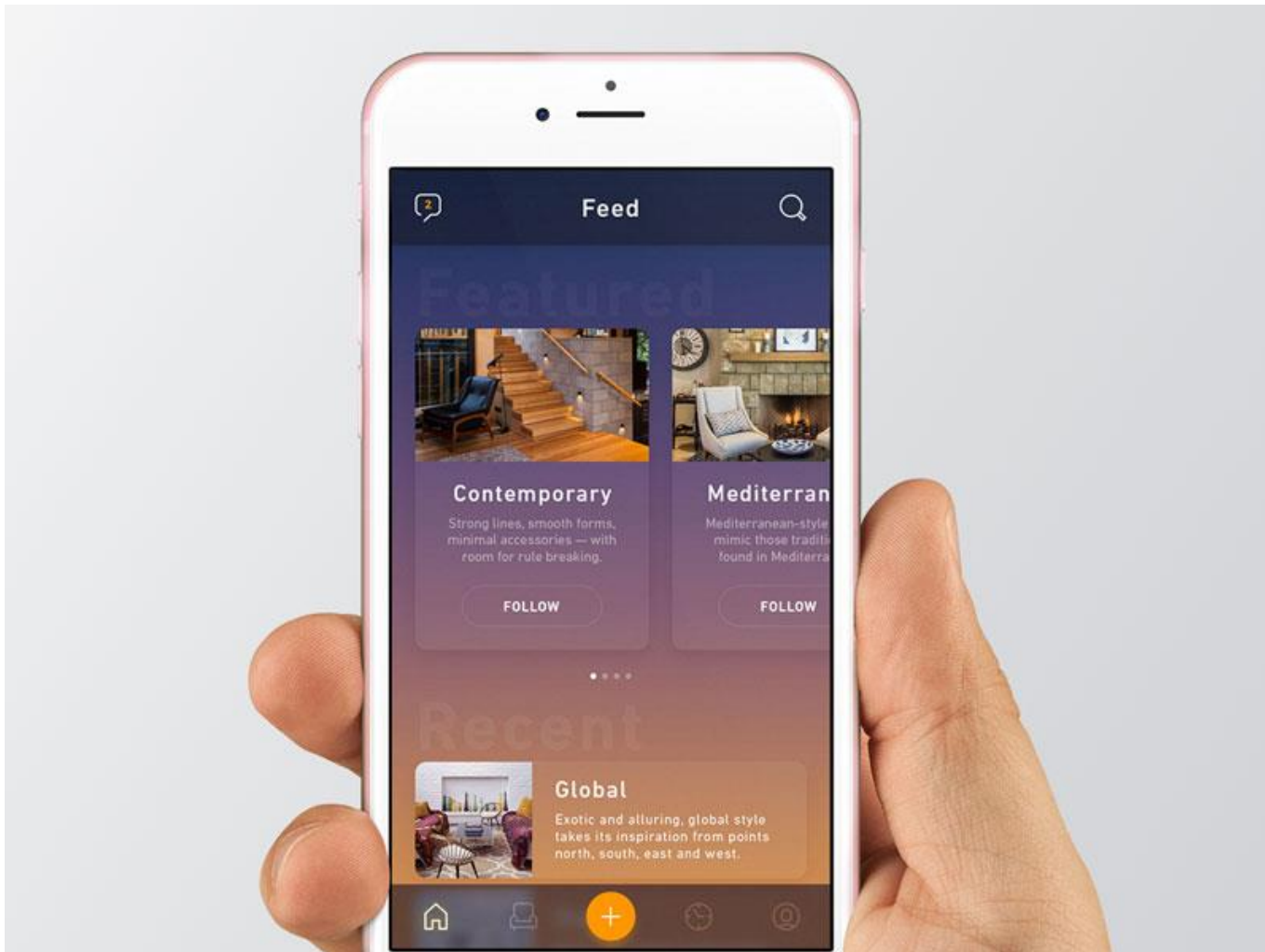# ANDROID USER INTERFACE DESIGN GUIDELINE
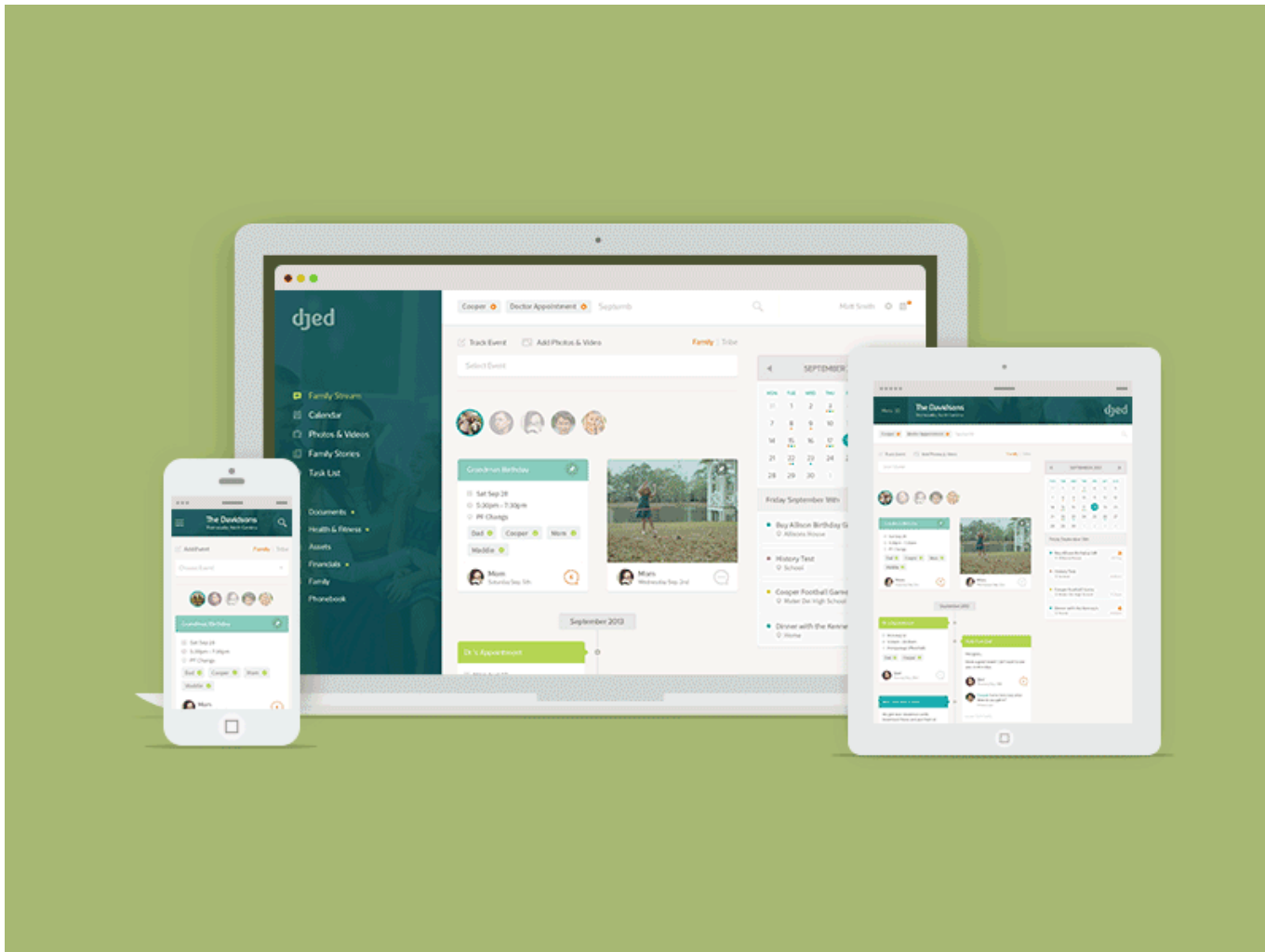
1. Right-Size Graphics

2. Focus on key user goals
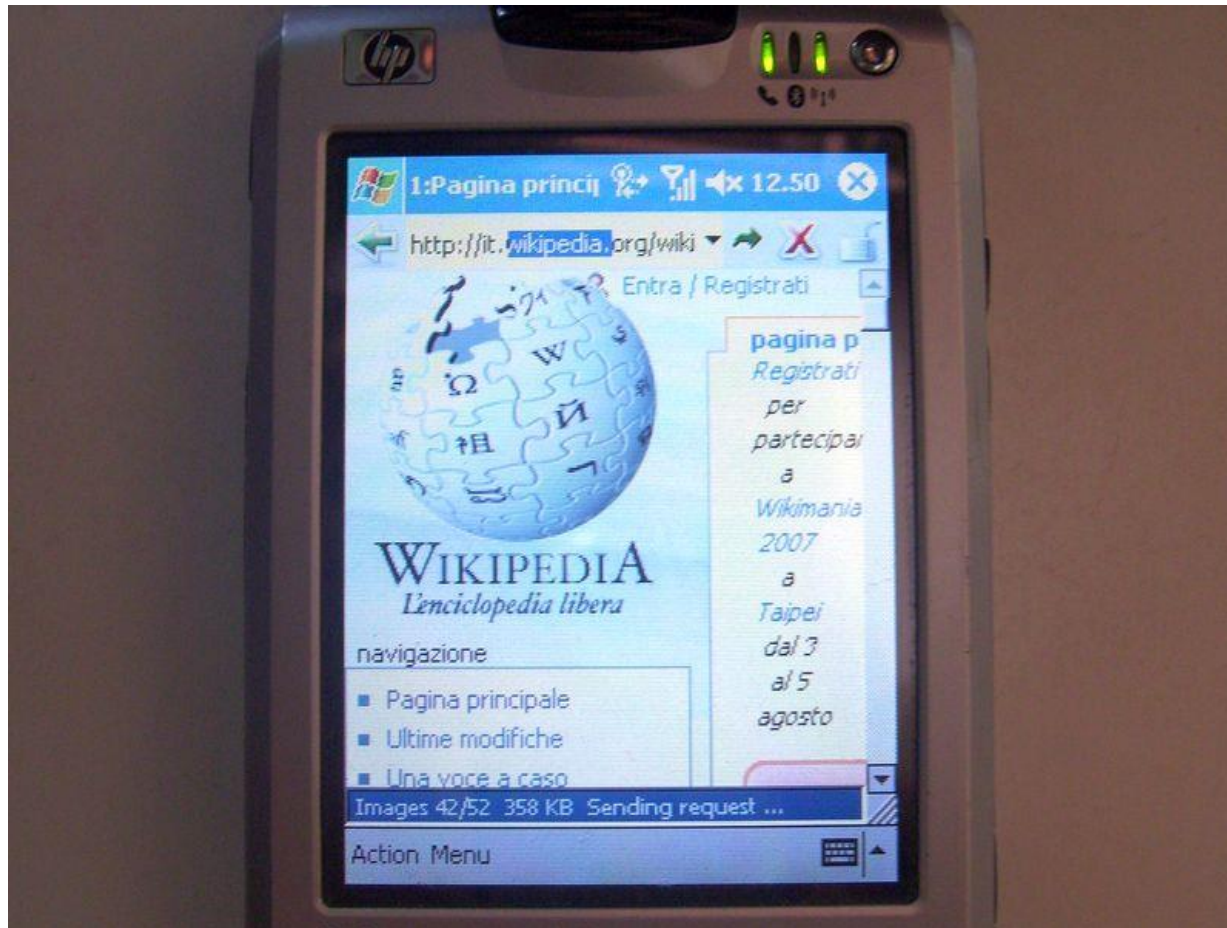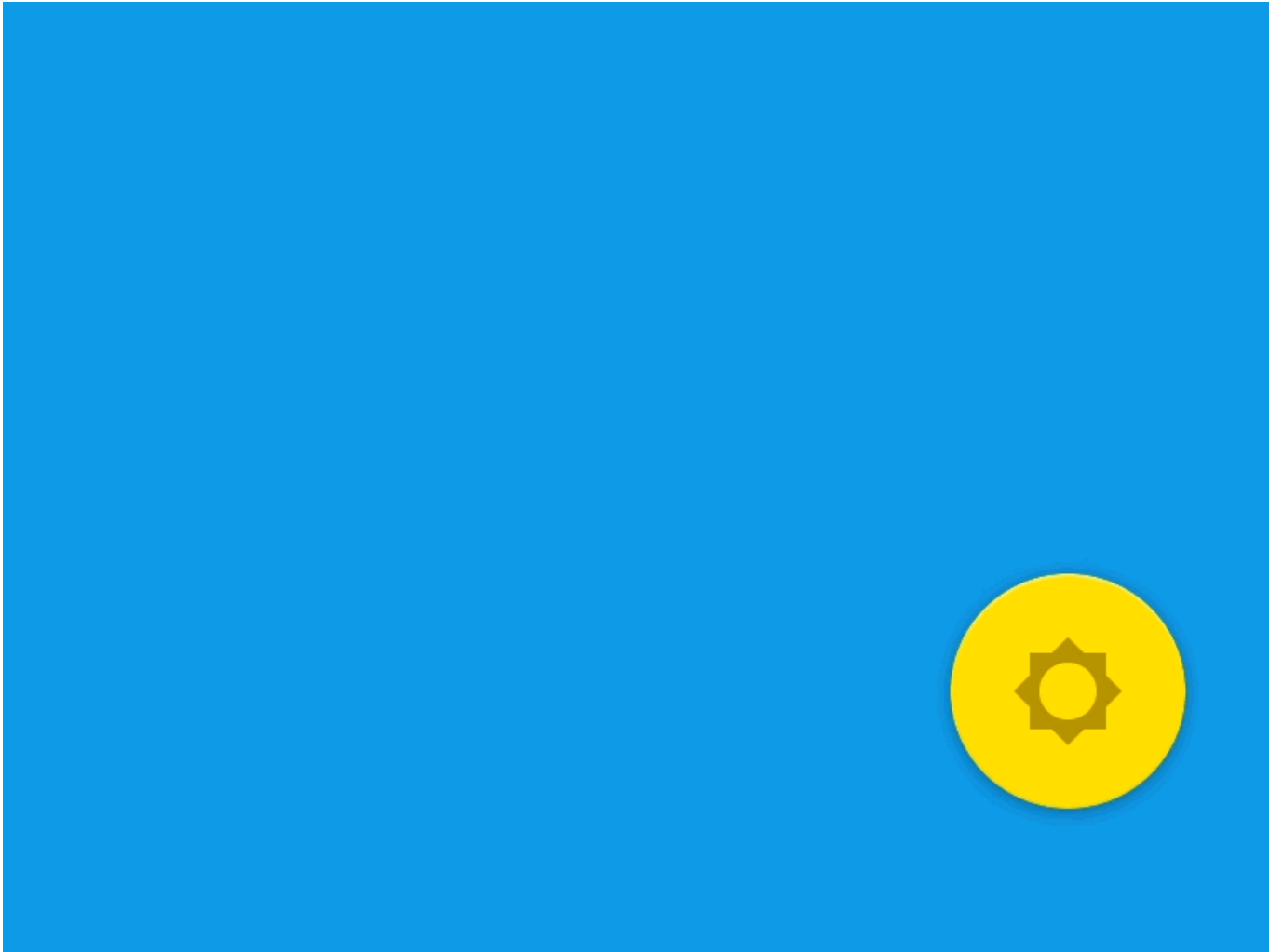
3. Fully Responsive
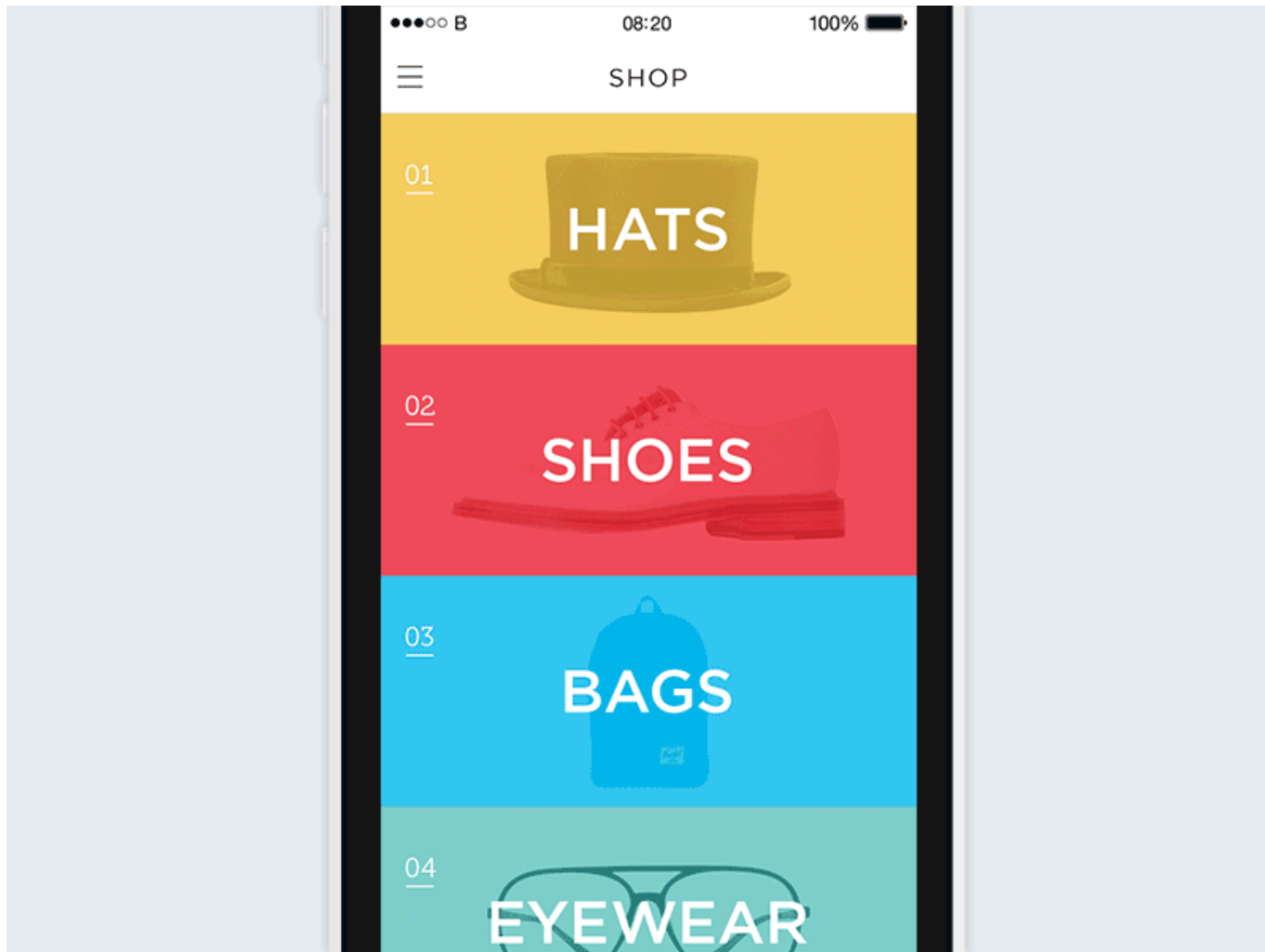
4. Fit The Format

5. Don't just port from desktop

6. Colors To Point

7. Round Corners

8. Balanced Shadowing

9. Keep It Simple

10. Contrast For View

11. Large Clear Fonts

12. Minimize the need for typing

13. Team Up Real Users

14. Back Button On Guard
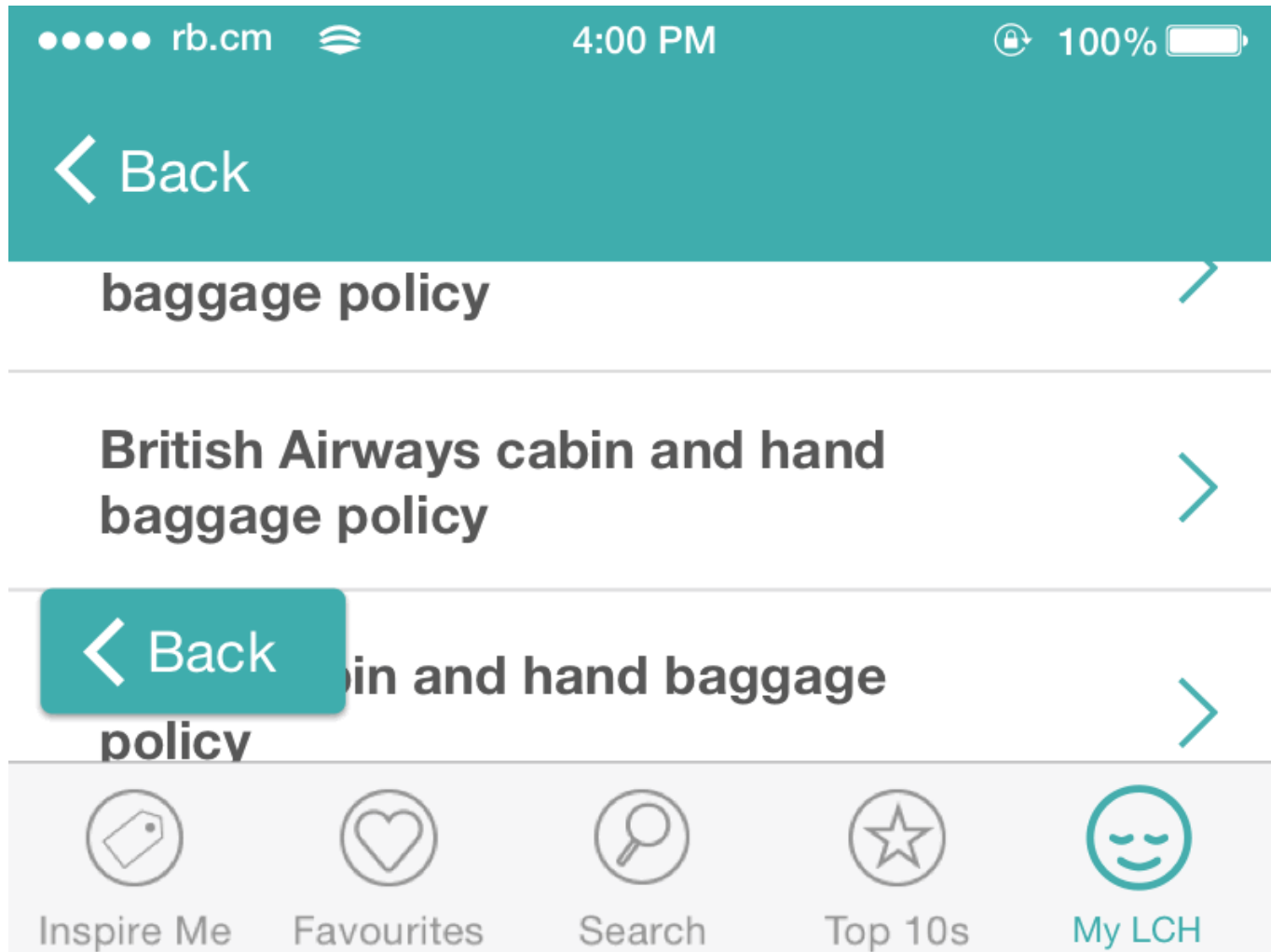
15. Hand positions should influence the placement of controls

16. Popular Icons Work

17. Take advantage of mobile capabilities

18. Manage Security Issues

19. Test, test, test on mobile then test some more
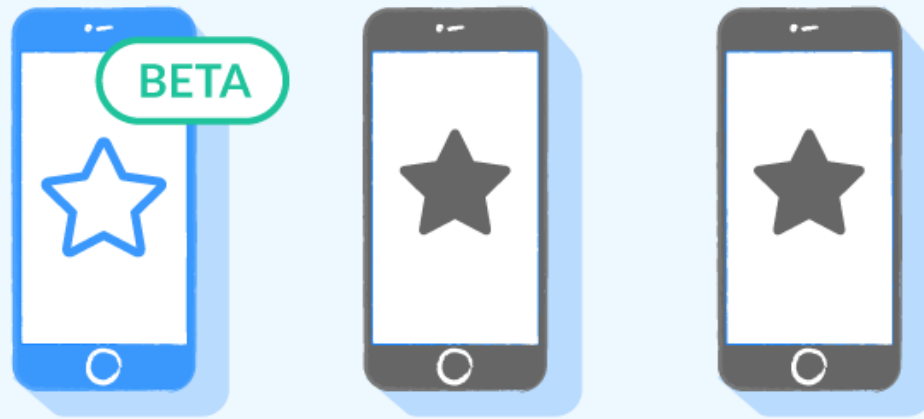
20. Impress With High-Res Images

Resources

- https://think360studio.com/20-tips-how-to-design-great-ui-for-mobile-apps/

- http://www.uxforthemasses.com/mobile-ux-design-principles/

APPLE UI DESIGN DO'S AND DON'TS

1. Formatting Content

2. Touch Controls

3. Hit Targets

4. Text Size

Heading
Sub-Headline

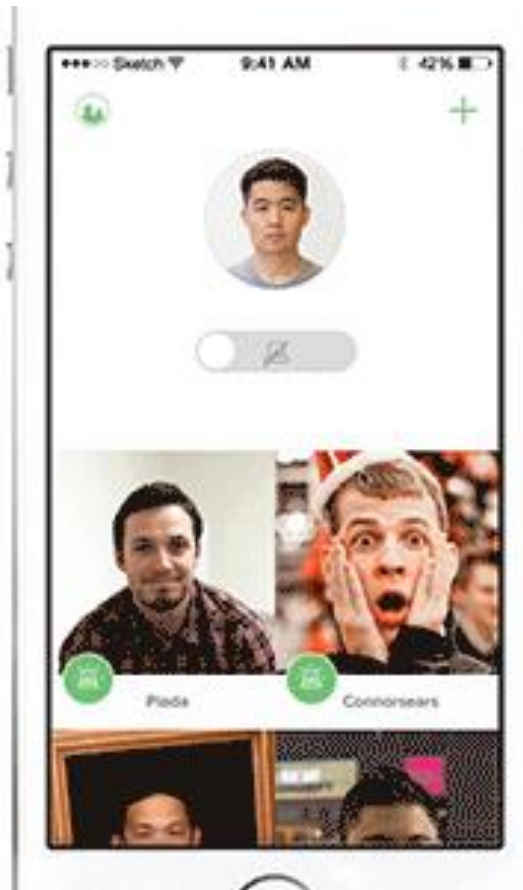Adipiscing elit. Sed neque nisl, blandit vel ipsum eu, imperdiet blandit lectus. Morbi tristique urna ut volutpat ornare. Curabitur semper vitae urna ac tempus. Duis vehicula elit nulla, eleifend egestas nisl vehicula nec. Nullam varius est dui, nec accumsan lectus posuere ut. Nullam viverra purus laoreet euismod tempor.

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5. Contrast

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6. Spacing

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Sub-Headline

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ipsum eu, imperdiet blandit lectus. Morbi tristique urna ut volutpat ornare. Curabitur semper vitae urna ac tempus. Duis vehicula elit nulla, eleifend egestas nisl vehicula nec. Nullam varius est dui, nec accumsan lectus posuere ut. Nullam viverra purus laoreet euismod tempor.

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7. High Resolution

8. Distortion

9. Organization

10. Alignment

Data Entry

- **When possible, present choices**
- **Get information from the system whenever possible**
- **Provide reasonable default values**
- **Enable advancement only after collecting required values**
- **Dynamically validate field values**
- **Require field values only when necessary**
- **Ease navigation through value lists**
- **Show a hint in a text field to help communicate purpose**

App Icon
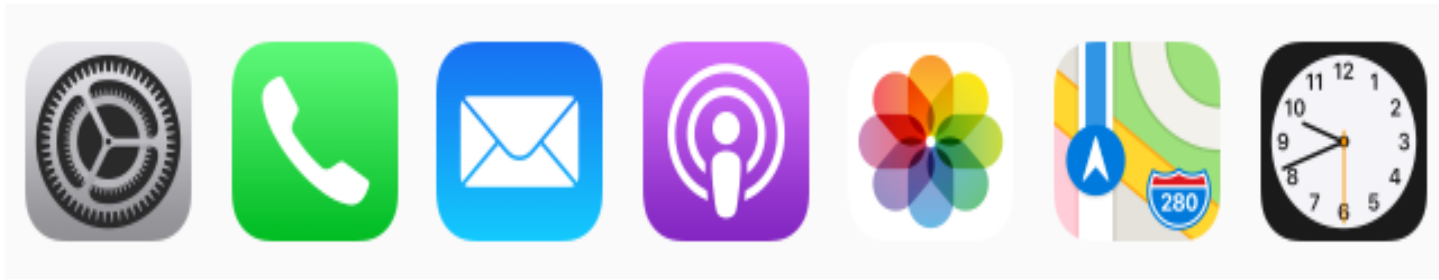
- **Embrace simplicity**
- **Provide a single focus point**
- **Design a recognizable icon**
- **Keep the background simple and avoid transparency**
- **Use words only when they're essential or part of a logo**
- **Don't include photos, screenshots, or interface elements**
- **Test your icon against different wallpapers**

Make an App Icon for this application

- Suppose you have two smartphones and you ask another person to click your picture. While the person is clicking, you can't know how you are looking in the frame. Now think about an android app named "*Sync camera*" which will sync both the cameras so that you can know whether the photo is being correctly clicked or not.

Reference

- https://developer.apple.com/design/tips/