

# Adding a Toolbar

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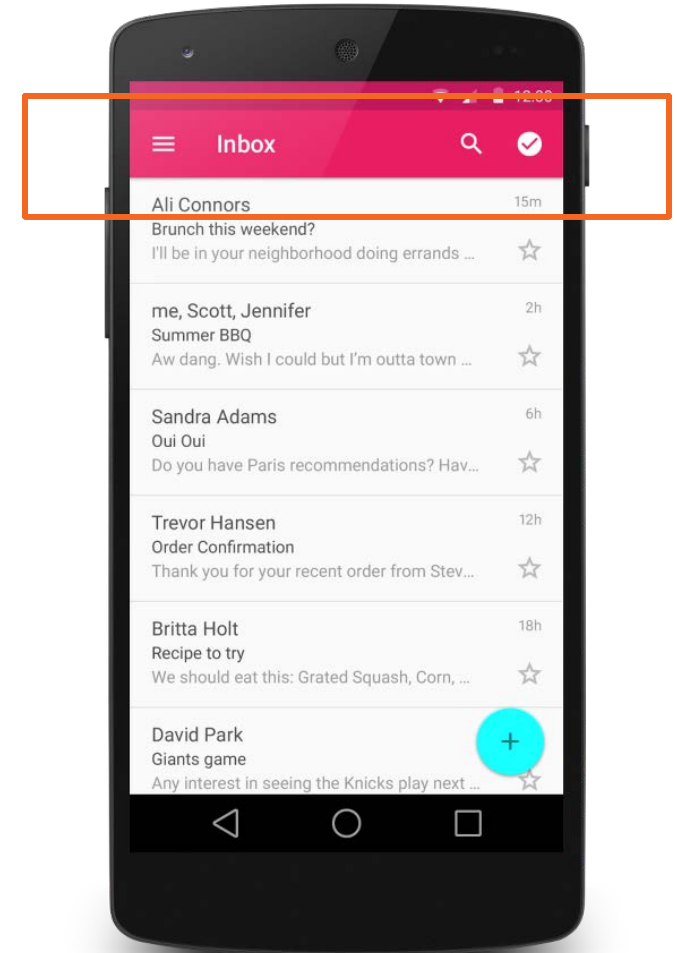
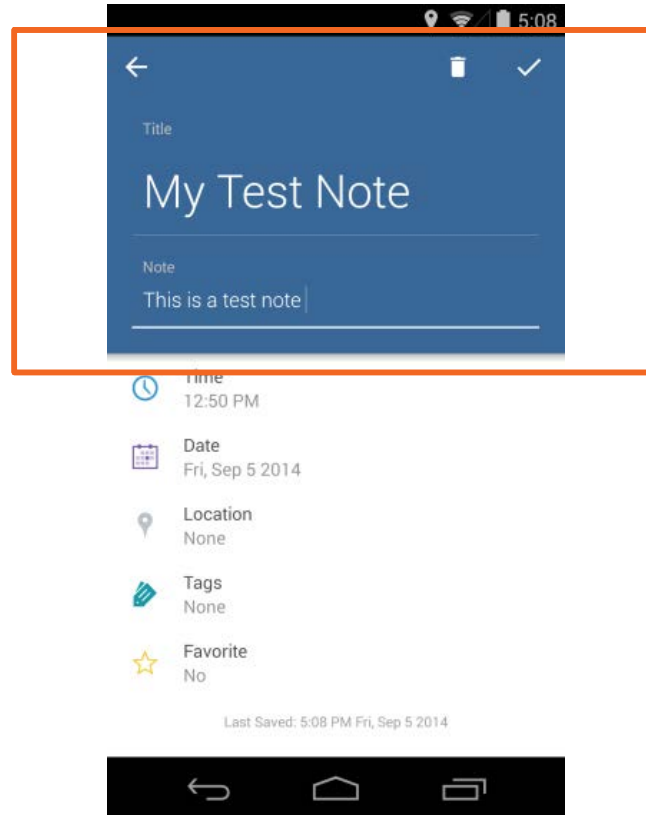
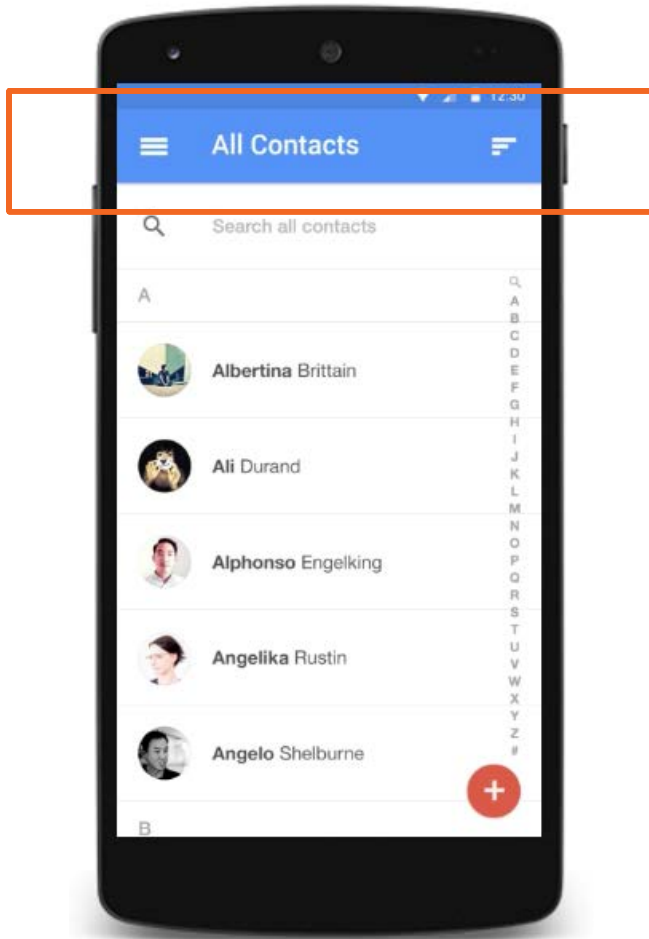
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# What Is a Toolbar?



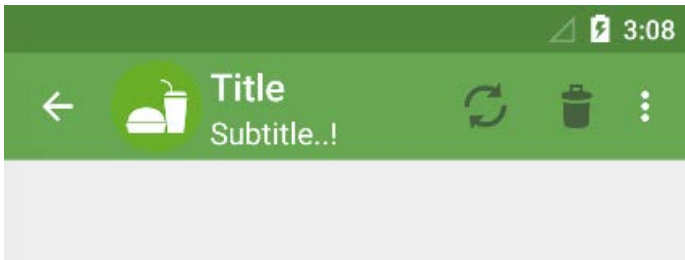
# Toolbar Overview



- **Generalization of Action Bars**
- **Action Bar can be replaced with a Toolbar**
- **Toolbar as Action Bar**
  - `setActionBar()` or
  - `setSupportActionBar()`
- **Inherits from ViewGroup**
  - Can have Child Views as well
  - Can be placed anywhere on screen
- **Compatibility – API 7 onwards**



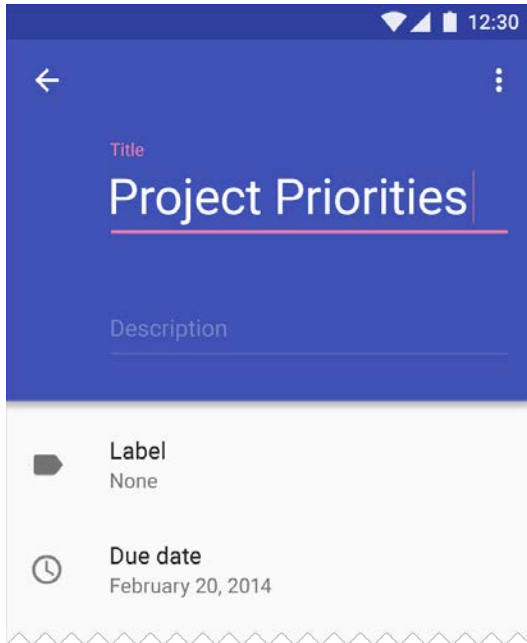
# Toolbar Contents



## A Toolbar can have :

- Navigation Icon : Up Arrow, Menu Toggle, Collapse Icon etc.
- App Icon
- Subtitle
- Menu Icons
- Overflow Menu

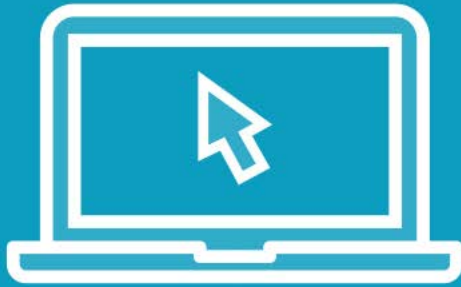
# Toolbar Contents



A Toolbar ( which is a View Group ) can have :

- Child Views
  - We can add multiple Views within Toolbar

# Demo



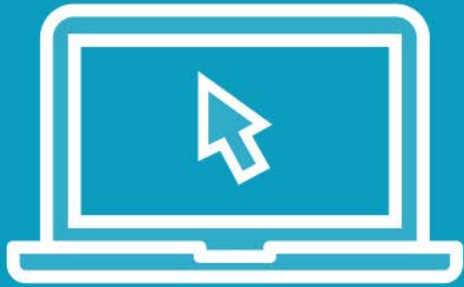
## Toolbar

Toolbar as ActionBar

Standalone Toolbar



# Demo



## Popup Menu



# Summary



- **Style Toolbar**
- **Compatibility**
- **Popup Menu**
- **Toolbar as Action Bar**
- **Standalone Toolbar**