

MentorAcademy Homework 4

Events List

Implement application that represents reviewing of Events list. At the start there is screen that shows all Events categorised by days. The user could see detail information of of chosen event and could add more events. The user can choose the grid of collection to be 2 or 3 reminders per row.

Make this application rotatable and use auto-layout.

1. First, define All Events Screen that displays information in CollectionView about:

- Title for the reminder – label at the top- almost whole width of cell with some left/right margins.
- Image for this reminder – 10 pt under title (to be square 60x60 pt)
- Related person Label - name of the related person - 30 pt right from the image.
- Hours Label – shown exact hours of event – 20 pt below the related person label – shows exact hours of event.
- Info Label- shows first sentence of description of current reminder.

The header of CollectionView section should be the Day in a proper formatter way (“Mon 22 Dec” - use NSDateFormatter).

2. Put toolBar at the bottom that has 2 buttons on it.
- One button on the left with icon for grid on 2 items per row. When tapped this button, collectionView will change its layout to organise all the items to be in 2 items per row.

Other button is with icon that shows 3 items per row. When tapped – collection view should organise its layout to show 3 items per row.

3. When selected some event – new Detail Event Screen is opened that shows:

- two labels – one for title and related person with 30 pt between them
- Date Label below that shows exact day in proper format (“Mon 22 Dec 16:30”)
- Below that is an image of the event.
- After That is Description TextView that shows detail information about the event.

Make all constraints about this screen programatic and for the image – when changed rotation it should be with the same ratio.

4. On All Events Screen create a “+” button in right of navigation bar for adding new Event. This screen is used to get all information about event and for getting Date use DatePicker. It is your choice of design, but do not forget to use auto-layout. Before submitting see if all the design is OK on different device screens and when rotating.