Definitions, Acronyms and Abbreviations:

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| Monthly view | View showing an entire month’s events |
| Weekly view | View showing an entire week’s events |
| Daily view | View showing an entire day’s events |
| App | The calendar app we are making |

Requirements:

1. User shall be able to add/delete events to the calendar
   1. The user shall be able to add periodical events
   2. Events shall contain: name, description, time, location, and category/color
   3. The app shall check for conflict between events
2. There shall be a monthly view
   1. Every day of the month shall be visible in this view
   2. Each day shall show the names of the events that happen in it, sorted by start time
3. The calendar shall have a weekly view
   1. Events for each day shall be visible, sorted by start time
   2. The name, location, and time of event shall be shown
4. The calendar shall have a daily view
   1. Each day shall show the name, time and location of each event
   2. Each event shall be sorted by their starting time
5. The calendar shall have an agenda view
   1. The app shall show all events in the future as a list
   2. The app shall show the event name and time
   3. Events shall be sorted by their starting time
6. The user shall be able to switch between the views at any point in time
7. The starting point of the app shall be the monthly view
8. The app shall notify users before the event if they select that option
   1. The user shall type in the number of units before the event to get a notification. Units shall be selected via a spinner.
   2. Options for when the notification occurs shall be: 1-99 minutes, hours, days, or weeks before the event
9. All holidays/weekends shall be colored
   1. Holidays and weekends shall be represented by gray color in the views
10. The user shall be able to zoom/scroll as necessary
11. The app shall work on Android phones
12. The app shall load within 5 seconds
13. Users shall be able to use the app with no training

