1. A Calendar Software

1.1 Views

    1.1.1 Monthly view: show all days in a month, and event snippet for each day

    1.1.2 Weekly view: show all days in a week, and event snippet for each day

    1.1.3 Daily view: show all events in a day, sorted by their starting time

    1.1.4 Agenda view (optional): show all events in future as a list

1.2 Events

    1.2.1 Add an event with starting and ending time

    1.2.2 Check time conflicts when adding events

    1.2.3 Add weekly periodical events

    1.2.4 Edit & delete events

    1.2.5 Event alert (optional)

    1.2.6 Add/delete event categories

    1.2.7 Color marking for different category of events

1.3 Share (optional)

    1.3.1 Send event to other calendar users (requiring their permission) through internet

1.4 Other

    1.4.1 Holidays & weekends should be in special colors

    1.4.2 Zoom in/out, and scroll support when necessary