

Schedule Optimization User Manual

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Table of Contents

Calendar	P.3
ToDo List	P.4
Route	P.5
Settings	P.6

Notes

1. Video user manual is available on YouTube:
<https://youtu.be/Xeh4AA-LwxY>
2. Schedule Optimization is compatible with Android 6.0 (API level 23), but has best performance on Android 7.1 (API level 25) or later.

Calendar

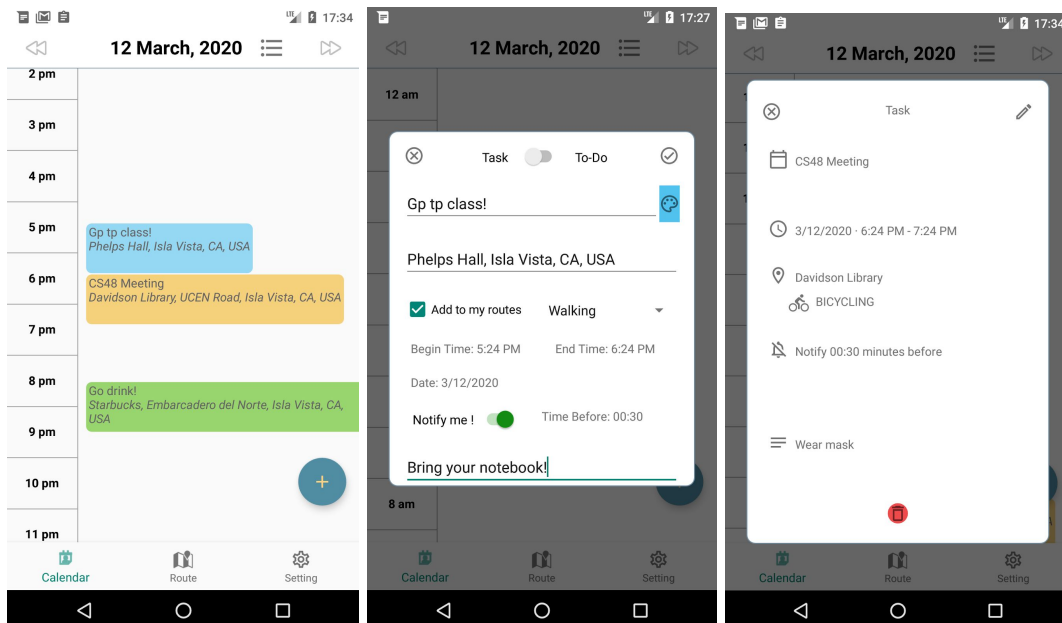
1. In the Calendar fragment, the users will see their tasks for a particular day.
2. To change the date, use the left and right arrows for the previous and next day respectively, or by clicking the date at the top and choosing a particular day from the popup.
3. To add tasks directly to the calendar, click the (+) at the bottom right corner.

Adding Tasks

1. Specify the date, time period, location, and color label for the task.
2. If the user wants the event to be routed in the map, they should check the “Add to my routes” checkbox and choose the travel mode for the event.
3. If the user wants to be notified of the event, they check the “Notify me!” switch.
4. Additional notes about the task can be added.

Viewing & Editing Tasks

1. The Calendar shows the task name and location. Clicking the task directly will show the expanded details of the task.
2. The pencil icon at the top right will allow the user to edit the details of the task.
3. The red icon at the bottom will delete the task from the user’s Calendar.



To-Do List

1. The list icon next to the date in the Calendar will lead the user to their To-Do List of that date.

2. The user can add to-do's to their To-Do List like they would for the Calendar.

Additionally...

a. The user will need to specify the earliest time (Begin Time) and latest time (End Time) that they can do this particular to-do.

b. The user will need to specify the duration of the to-do (how long it will approximately take).

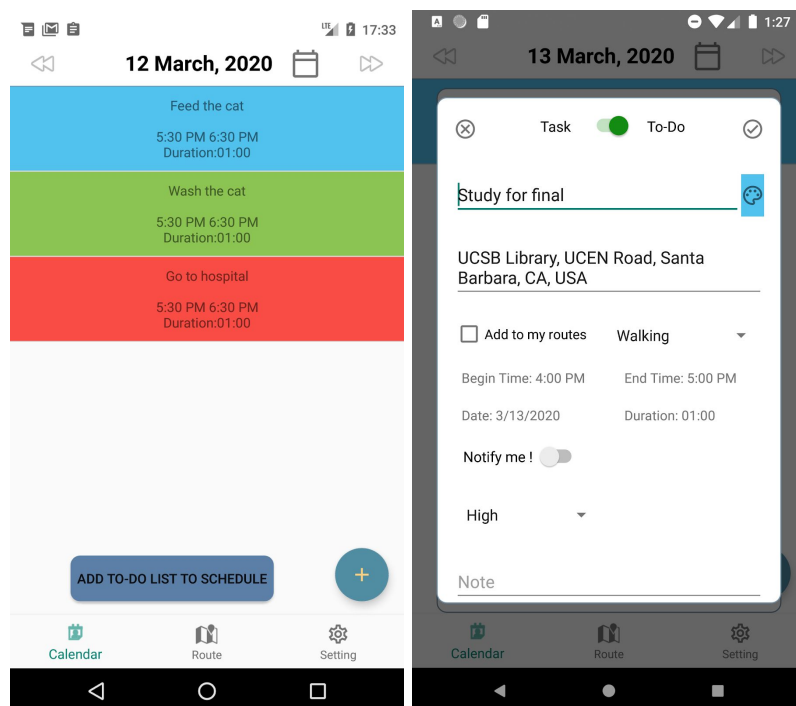
c. The user will need to specify the priority of the to-do.

3. The ToDo list will display the to-do's based on priority.

4. The user can edit the to-do's in their To-Do List like they would for the Calendar.

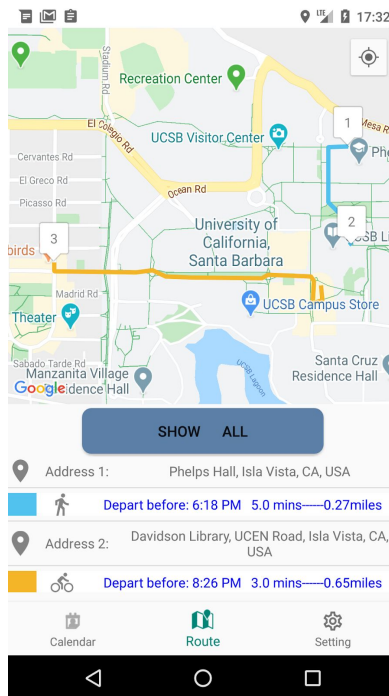
5. The user can click the “ADD TO-DO LIST TO SCHEDULE” button to add the to-do's to their Calendar based on priority.

6. The calendar icon next to the date will lead the user back to their Calendar.



Route

1. By clicking the map icon in the navigation panel, the user could route their events for the day specified in the Calendar (i.e. if the Calendar is set to March 12, the map will route the events of March 12).
2. The routes are color-coded and drawn on the map between numbered markers specifying the locations of the tasks.
3. The list underneath the map shows the user's travel method, departure time, and the distance between the two locations.
4. When an individual route is selected on the list, the route on the map is highlighted while the other routes disappear.
5. The user could show their current location on the map by pressing the top right button.



Settings

1. By clicking “Delete all tasks and to-dos for today,” the user could delete all the tasks and todos for the current day.
2. By clicking “Delete all data to free device storage,” the user could delete all the application data from the device.
3. By clicking “Show the tutorial again,” the user could review the contents of the tutorial again.

