

README

This app helps you focus by blocking distracting notifications and organizes your tasks and events with a calendar.

INSTRUCTIONS TO EXECUTE/USE THE APP:

- 1) Generate OAuth 2.0 Credentials:
 - a) Create/Sign-in into Google Cloud console and enable Google Calendar API.
 - b) Generate OAuth credentials of the Web Application type, not Android.
 - c) During the configuration of the OAuth consent screen, ensure to enable the required scopes `auth/calendar.readonly` & `auth/calendar` and specify the project name exactly as it is stated in the Android manifest. (Ex: `package="com.example.proj5"`)
 - d) Utilize the Web Client ID obtained from OAuth and add/replace it in the `"web_client_id"` field in the `strings.xml` file.
- 2) Add/show events from the Google Calendar:
 - a) Enable all necessary permissions when the app is launched for the first time and sign into the corresponding Google account (following the prompt).
 - b) Navigate to the calendar page and click on "Recent Events" to display your recent events from Google Calendar.
 - c) On the page, to add an event, input the event summary/title along with the start date of the event (in the displayed format).
- 3) To cancel/block the notifications from the distracting apps based on a timer:
 - a) Enter the timer duration (in hours) and start typing the names of the apps from which you want to block notifications; a menu option will pop up for selection.
 - b) If a non-integer value is entered in the timer, a toast error message will be displayed.
 - c) Entering valid values will initiate the timer, blocking notifications from the selected apps until the timer expires.
 - d) The UI displays the remaining timer duration and the list of blocked apps.

All the libraries required are included in the android Project.