# HACKFO Bot

Log File Creation
(Log File will be created during a each run,
Folder name: Date\_(Current Date)
File name: Log\_(hr&min)
In this log file each and every step taken by 
the bot and user will be noted with the time.

Language Selection
The bot supports multi languge, 
so that user can communicate with bot 
in their own mother tounge.

* + Sign In
    (Sign in process as two step
    verification (i)Password verification,
    and (ii)OTP entering
    - View My Events
      * Extracts tasks from
        Google calendar and
        displays it
      * Add Event to Google calendar
        (Like setting remainder)
      * Add Task to Google calendar
        (Like making check list / do list)
    - Search for events
      * Step 1: Collect Inputs like Domain, Type of event, Designation
      * Step 2: Bot opens the websites and checks for the events according to the users interest
      * Step 3: Scraps the data like Event name, Organizer, Prize amount, Event date, and the days left for registration
      * Step 4: Stores the collected data in Excel sheet and send it to the user's mail.
    - Share with friends
      * This segment is seperated in three modules
        + Through Mail

Geting mail id as input

Sends the collected event list to the WhatsApp number

* + - * + Through the WhatsApp number

Step 1: Get the number as Input, and applys regex.

Step 2: Using WhatsApp API Key check the number isWhatsApp number or not

Step 4: Send message

If it is WhatsApp number send the text message to the
number

If it is not a WhatsApp number then it intimates the user

* + - * + Both Mail and WhatsApp
    - Add event to calendar
      * User needs to analyze the excel sheet produced by bot which consists of datas of events
      * Once the excel file is given as input, the bot adds the events to the job segement
      * Every Half an hour the bot checks for the events then intimates to the user through call or message or email