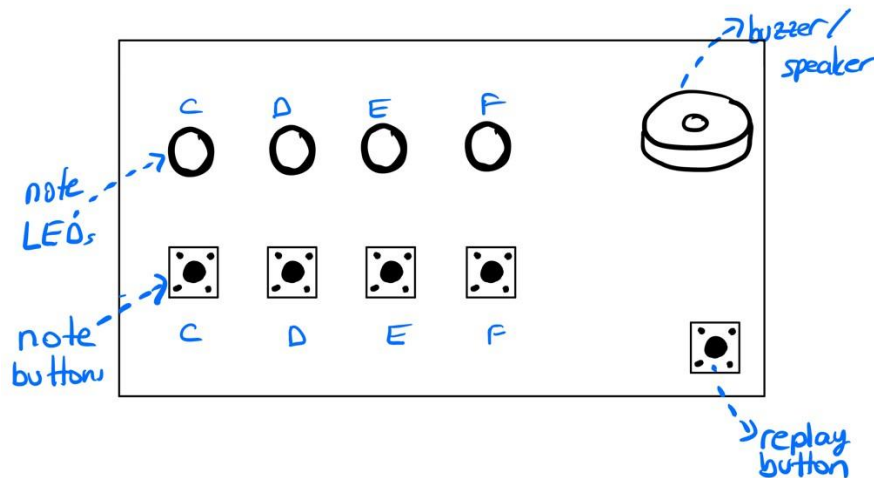


Arduino Keyboard

In this assignment, you are asked to design and develop a tone keyboard accessory using Arduino Uno.



Here are the functional requirements of the device:

- Each note button represents a music note and each led is associated with a note button
- Once a note button is pressed, it generates the tone for that note using speaker/buzzer and also turn on the corresponding LED
- As the user presses buttons, the device needs to store the notes
- When the user presses replay button, the device replays the song and turns on LEDs as it plays

Submission:

Each team needs to make a demo. The schedule for demo sessions will be announced. Each member will be asked individual questions. In addition to that, each team is asked to create a youtube video for explaining their devices.