**PROJECT: GAME CONSOLE (BIRTHDAY GIFT)**

Requirements:

* Must be battery operated
* Must be able to play at least 1 game
* Must be able to play at least 2 different songs
* Must be able to tell the time and set alarms
* Must have a simple HMI

Components:

* Arduino Nano
* 20x4 LCD
* IR receiver
* IR remote control
* Battery
* Battery case
* RTC
* 4 buttons (action button, minute button, hour button, reset button)
* Passive buzzer
* Potentiometer (contrast control)
* Plastic enclosure