

## **Project Assembly Outline**

- Mini Synth Start
  - Devise plan
  - Make Hardware Checklist for Needed Materials
- Assemble Board for Wiring
  - Make sure everything is connected and grounded properly
- Write Arduino Code
  - Test all buttons and lights and make sure they respond
- Write Visual Studio Code
  - Create Two Synths and Pitches for buttons 1-5
  - Test Buttons
  - Create Effects like Reverb and Modulated Delay using LFO for buttons 6 & 7
  - Test Buttons
  - Develop Graphics on computer
  - Names of all should appear on screen in green to match the green light for active notes playing
  - User should be able to toggle which synthesizer they wish to choose
- Retest all of project to ensure full functionality
- Create Video
- Submit Project in .zip file