

CSE321- Project 3 Plan

- 1- Read the project's instructions
 - Determine and list all the project's requirements
 - Determine the project's implementation goal
 - Filter useful information from the project's instructions
 - Come up with tasks to be done for the project

- 2- Plan how the project will look like hardware wise
 - Determine what materials will be needed
 - Understand how each hardware gadget works; what are their inputs/outputs
 - Design a rough schematic circuit

- 3- Plan how the project will look like software wise
 - Understand the logic and behavior of the code needed
 - Understand the inputs and outputs for the code
 - Figure out if (extra) libraries are needed based on the new hardware pieces acquired for this project
 - Design the code structure

- 4- Implementation
 - Build the code based on break downed tasks; implement the hardware and test accordingly (in this order):
 - Implement the DHT11 functionality
 - Implement the LCD functionality
 - Implement the Keypad functionality
 - Implement the LED functionality
 - Implement the Buzzer functionality
 - Test entire implementation (repeat this process accordingly)

- 5- Revision
 - Does the project satisfy all the requirements?
 - Does it have the behavior I expected?
 - (If there is time) should I modify any part of my project to make it more efficient?