

Project Title: Chemventory	
Start Date: 1/10/2023	End Date: 4/23/2023
Team Members: Lelo Bekele	
Project Sponsor: Vanessa Whitley	
Customer: Northeastern State University	
Users: NSU Chemistry Lab Assistance, and Chemistry Lab Teachers	
Purpose (Problem or opportunity addressed by the project): Managing Chemical Inventory of Northeastern State University Chemistry Lab Stockroom. Replacement of paper lab notebook which was time, and energy consuming.	
Goals and Objectives: A Simple Chemistry Lab Inventory Website.	
Schedule Information (Major milestones and deliverables): <ol style="list-style-type: none"> First plan what the static website should look like. Plan and decision of which database software to use. Both the SQL and nonSQL database. Work on the database of the website. Perfect the front/back end of the whole website. 	
Financial Information (Cost estimate and budget information): Free	
Approach: Waterfall Approach-Define, Design, Develop, Deploy	
Constraints: Time	
Project Background and Description: One of the jobs of Northeastern State University Chemistry Lab Assistance is to do chemical inventory of the stockroom. Inventory was done with paper notebook. Adding, deleting, updating, or making any changes related to the chemicals has always been a messy process. It is time and energy consuming. To resolve all this issues, a chemical inventory website, chemventory is created. NSU chemistry lab assistances are able to use this website.	
Success Criteria: <ul style="list-style-type: none"> User should be able to track borrowed chemicals and returned them after use. 	

- User should be able to add chemicals in a database and be able to search needed information about the chemical via a search engine.

Scope: It is a website, not an app.

High Level Timeline/Schedule: Should see progress on this project every week.

Project Priorities and degrees of freedom: It's a website, would work both on phone and laptop, but recommended on laptop. User are advised to download XAMPP to run the PHP code. XAMPP can be downloaded for free and works for windows, macOS, and Linux operating systems.