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| **Project Title:** Chemventory | |
| **Start Date:** 1/10/2023 | **End Date:** 4/24/2023 |
| **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**:   * 1. A Simple Chemistry Lab Inventory Website.   2. Tracking check-in/check-out of the chemicals. In detail of what time that chemical was checked- out, who checked it out, and other details. | |
| **Schedule Information (Major milestones and deliverables)**:   * 1. First plan what the static website should look like.   2. Plan and decision of which database software to use. Both the SQL and nonSQL database.   3. Work on the database of the website.   4. 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:**   * Users should be able to update, search, and delete…of the chemicals found in the chemistry stock room through the website. * Tracking inventory of chemicals. Report on check-in and check- out of chemicals. | |
| **Scope**: It is a website, not an app. | |
| **High Level Timeline/Schedule:** Should see progress on this project every week. Should leave at least 10 days before 4/2adj8/202, 24/25 for any unplanned code complication errors. | |
| **Project Priorities and degrees of freedom:** It’s a website, would work both on phone and laptop, but recommended on laptop. | |