

Software Engineering Lab, 2024
Assignment on Version Control Using Git

Assignment-4

1. Inventory Management System with Git

- a) Design a system to manage products for a store. Customers can make purchases, and sellers can update the list of products.
- b) Use Git for version control, and maintain a purchase history of items.

2. Marks Management System with Git

- a) Develop a Student Marks Management System using Git.
- b) In this system, a central database stores students' marks for different subjects in a tabular format.
- c) Subject teachers can update marks as needed before the final submission.
- d) Teachers can view student names and roll numbers but only edit the marks for their subject.
- e) When all teachers have completed their updates, the database is sorted by total marks and made available for students to view.

3. Task Management CLI Tool:

- a) Develop a command-line task management tool where users can add, edit, and complete tasks.
- b) Implement version control to track task changes and provide a task history.