**Tasks**

**1️. CSV File Handling Setup**

**Team Member 1: Ben/Quincy**

* Create students.csv, courses.csv, and enrollments.csv with sample data.
* Implement **basic CSV reading and writing functions** for students and courses.
* Functions to implement:
  + save\_students\_to\_csv()
  + save\_courses\_to\_csv()
  + save\_enrollments\_to\_csv()

**2️. Displaying Available Courses (Easy Task)**

**Group Member 2: Ben/Quincy**

* Implement a function to **load courses from the CSV file** and display them neatly.
* Format course output:

Course ID: CS120

Name: Intro to Programming

Instructor: Prof. X

Schedule: MWF

Time: 10:00 – 11:20

* Functions to implement:
  + load\_courses\_from\_csv()
  + display\_courses()

**3️. Student Account Registration & Login**

**Group Member 3: Chris**

* Implement login verification (check if ID exists and password matches).
* Functions to implement:
  + add\_student\_account()
  + login\_student()

**4️. Course Enrollment & Dropping**

**Group Member 4: Stan**

* UX/UI
* Implement a function to **drop a course** and update the CSV files.
* Functions to implement:
  + main\_menu() – Interactive menu for users
  + validate\_inputs() – Ensure user inputs are correct

**5️. Full System Integration & Testing**

**Group Member 5: Jb**

**Overall Integration & Debugging)**

* Functions to implement:
  + check\_schedule\_conflict()
  + check\_credit\_limit()
  + check\_course\_capacity()
  + enroll\_student\_in\_course()
  + drop\_course()
* Ensure **all components work together** smoothly.
* Test each function and fix bugs.
* Handle **edge cases** (e.g., invalid input, duplicate enrollments).
  + run\_tests() – Write test cases to verify correctness