WEEK 3: ASSIGNMENT TASK 3 💻✨

The Coding Glow-Up: Data Structures Edition

Objective 🎯:

This week your project becomes alive. You will build core features, test them, improve your system using the Kaizen approach, organize work using the Eisenhower Matrix, connect with peers through LinkedIn, complete GitHub activities, and take part in a short, fun in-class activity.

Task A: Build Core DS Features 💻:

Your group must build at least three major features based on your project. Examples include:

• Add, delete, search operations

• Queue or stack processing

• Snake game movement or score update

• Student record operations

Upload all code inside a folder named: src

Task B: Testing & Output Verification 🧪:

Test your features using:

• Normal inputs

• Incorrect inputs

• Edge cases

Upload screenshots and logs inside a folder named: test-results

Task C: Kaizen Improvement Review 🌱💡:

Create a Kaizen Table including:

• What was built

• Problem or limitation found

• Improvement idea

• Team member responsible

• Expected impact

Upload as: Kaizen-Review.md

Task D: Eisenhower Matrix Planning 🧠📦:

Create an Eisenhower Matrix with four quadrants:

• Urgent + Important

• Important + Not urgent

• Urgent + Not important

• Not urgent + Not important

Upload as: Eisenhower-Matrix.md

Task E: GitHub Glow-Up 🐙✨:

Each member must contribute. Required actions:

• Upload features inside src

• Upload test-results

• Upload Kaizen and Matrix files

• Use meaningful commit messages

• Encourage branches and pull requests

Task F: LinkedIn Networking 🌐🤝:

Each student must:

• Connect with 20–25 people (classmates, teachers, seniors, tech community)

• Update profile: picture, headline, skills

• Post a small update about Week 3 progress

Upload a screenshot inside a folder named: linkedin-proof

Task G: Fun In-Class Activity 🎉:

Participate in the DS Relay Race , Desk Edition:

• Teacher calls a Data Structure name

• Groups arrange notebooks or items to form that DS within 10 seconds

• Example: Queue = items in a line, Stack = books stacked

Upload a photo inside the folder: fun-week3-class

Deliverables ✅:

• src folder with working code

• test-results folder

• Kaizen-Review.md

• Eisenhower-Matrix.md

• linkedin-proof screenshot

• fun-week3-class photo

• GitHub repo link with active contributions