Assignment 1: Agile Fundamentals & Scrum Framework

## Task 1: Agile Values & Principles

**a. The 4 core values of the Agile Manifesto are:**

1. Individuals and interactions over processes and tools.
2. Working software over comprehensive documentation.
3. Customer collaboration over contract negotiation.
4. Responding to change over following a project plan.

**b. 3 Agile principle:**

1. We should welcome change even if it is late in the work.
2. Make working software often, like every 1 or 2 weeks.
3. The best work happens when people talk face to face.

**c. When traditional project fails and Agile helps:**

In normal project, if plan is fixed and we find problem later, we cannot change it. Like in college group projects, if we follow only a single plan and someone misses their work, it might introduce trouble. But in Agile, we can change the plan and adjust it to work better.

## Task 2: Scrum Framework Activity

**a. The 3 roles in Scrum are:**

1. Scrum Master
2. Product Owner
3. Developer

**b. Scrum workflow diagram:**

A notebook with writing on it

AI-generated content may be incorrect.

**c. Product Backlog vs Sprint Backlog:**

Product Backlog is big list of all features and ideas for product. Example: Login page, event calendar, user profile.  
Sprint Backlog is small list we take from product backlog to do in one sprint. Example: only login page and calendar for this sprint.

## Task 3: Team Role Simulation

**We have a team of 3:**  
1. Scrum Master - Rushyendra  
2. Product Owner - Anirudh  
3. Developer - Sai Charan

**Product idea: Campus Event App**

In Sprint Planning meeting, we talk about what to make first. We choose login page, adding events, and visualizing upcoming events.

**Sample User Stories:**

1. As a student, I want to login so I can save my events. - 3 points
2. As an organizer, I want to add an event so others can see it. - 5 points
3. As a student, I want to view event lists so I can plan. - 2 points

**The list of priorities:**  
1. Login  
2. View events  
3. Add event