# Agile Scrum Process:

1. Product Backlog: product backlog is a prioritized list of deliverables (such as new features) that should be implemented as part of a project or product development.

Usage: The Product Owner is responsible for managing the product backlog. They will work with stakeholders to identify requirements, prioritize requirements, and ensure that the product backlog is kept up to date.

1. Sprint Planing Meeting: when the team (including the Scrum Master, Scrum Product Manager, and Scrum Team) meets to determine which backlog items will be handled in the next sprint.

Usage: During this meeting, the Development Team will work with the product owner to identify goals for the Sprint, select them from the product backlog, and estimate volume, work necessary to accomplish those goals.

1. Sprint backlog : A sprint backlog is a list of work items your team plans to complete during a project sprint. These items are usually pulled from the product backlog during the sprint planning session.

Usage: Sprint backlog is maintained by the production team. The production team will break down the goals into achievable tasks and estimate the amount of work needed to complete each task.

1. Product Owner: the product owner is responsible for prioritizing and overseeing the development team's tasks and making sure the company derives as much value as possible from the team's work.

Usage: The product owner will work with stakeholders to identify requirements, prioritize requirements, and ensure that the product backlog is kept up to date.

1. Scrum Master: A Scrum Master is a facilitator for an Agile development team. They are responsible for managing the exchange of information between team members.

Usage: Scrum Masters utilize their unique skillset to do a lot of critical work that helps the Scrum Team and the organization like: helps the Scrum Team By coaching the team members in self-management and cross-functionality, Focus on creating high-value Increments that meet the Definition of Done. Helps the Product Owner: Find techniques for effective Product Goal definition and Product Backlog management, Provide ways for the Scrum Team to understand the need for clear and concise Product Backlog items, Facilitate stakeholder collaboration as requested or needed. Supports the Organization By Leading, training and coaching them in their Scrum adoption, Remove barriers between stakeholders and Scrum Teams.

1. Daily meeting: A daily stand-up meeting in Agile is an opportunity for the project team to discuss a project's progress at a high level.

Usage: During this meeting, each member of the production team will answer the following three questions:

What did I do yesterday?

What will I do today?

Will I encounter any problems?

1. Sprint Review : A sprint review is a collaborative meeting that is typically held at the end of every sprint.

Usage: During this meeting, the production team will present the product to the product owner and other stakeholders. The product owner will decide whether the product meets the requirements.

1. Sprint Retrospective: A Sprint Retrospective is a meeting held at the end of each Sprint to review how that Sprint was implemented and make improvements for subsequent Sprints. Usage: In this meeting, the production team will discuss what worked well, what needs to be improved, and how to improve for the next Sprints.

# A company working

1. Create Product backlogs:
2. Create User Authentication module
3. Create Database
4. Create Fruit Display
5. Create Ordering Function
6. Create Payment function
7. Create Share emotional, Review module
8. Estimate to complete for 3 backlogs for 1st Sprint:

SprintUser Authentication (Backlog 1): Estimated time: 5 days

Tasks need to be done in this sprint:

Create frontend for login page: 1 days

Implement user registration: 2 days

Implement user login: 1 days

Implement userInfo update: 1 days