# Lecture Module 8: SCRUM and Agile

Actual working software every two weeks.

Teams self-organize.

**Highest Priority** of the client and the product.

**User Stories**: a way we are going to define our requirements.

**Acceptance Criteria**: what does it mean to be done.

**Sprints**: a breakdown of work into stages

**Tasks**: both technical and non-technical

* **Who** is doing what.
* **When** is it done.

**Product Backlog**

* All the user stories for the entire application.
* Estimates for user stories

Divide Work into Sprints

Subset requirements into stories and put those stories into the **sprint backlog**.

Acceptable Criteria and Task Breakdown for each story.

Choose user stories from product backlog, move to spring backlog; make sure there are acceptance criteria and tasks (which owner and when)

## User Story

**User Type** – why user type – different motivations, privileges, functionalities, experience levels. Can affect prioritization of features (example, Admin features are sometimes first)

**Action** – what not how.

**Reason** – optional but helpful. Placement, accessibility, and usability of feature.

Tasks: technical and non-technical – for current user stories in the current Sprint Backlog

* Individuals self-select tasks to work on.

As a [user type] I want to [action] because [reason].