

# Week 9

## MIS3535 | LEAD GLOBAL DIGITAL PROJECTS



# AGENDA – WEEK 9

## 1. Today:

- **Kotter Chapter 3**
- **Scrum event: Daily stand up (3 teams)**
- **Reporting with Agile discussion**
- **Studio Day: work on your deliverables (Sprint 1 and Sprint Review)**

## 2. Thursday:

- **Teams work independently (no formal class)**
- **Complete your 1<sup>st</sup> sprint and your Sprint review**

# Change Leadership Day! (Day 1)

- Kotter Chapter 3 : Get the vision right
- Pick 3 of the stories and be ready to present the key take away/learnings and how it relates to your current project:

1. Painting Pictures of the Future
2. Cost Versus Service
3. The Plane Will Not Move!
4. The Body in the Living Room

# SCRUM EVENT: DAILY STAND UP (Day 1)

## 3 Important Questions:

- 1) What work did you complete yesterday? (for class purpose: last week)
- 2) What have you planned for today (this week)?
- 3) Are you facing any problems or issues?

**Each team members** need to stand up and discuss the 3 points.

# SCRUM EVENT: DAILY STAND UP

## 3 TEAMS:

<u>Order</u>	<u>Team Name</u>	<u>Student Full Name</u>
1	Agile Owls	Ahmad, Jabriel
		Arramada, Nikitha
		Bowers, Skylar
		Carpenter, Jackson
		Wu, Connie
2	RiTZ	Robinson, Devon
		Time, Garryl
		Zhang, Ying
3	MIS Evolution	Czernik, Nick
		Shimchak, Aidan
		Wagner, Cameron

# Reporting with Agile Charts & Boards

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## 3 main reporting vehicles:

**1. Burndown chart**

**2. Scrum Board (also call Team Tasks board)**

**3. Product Backlog**

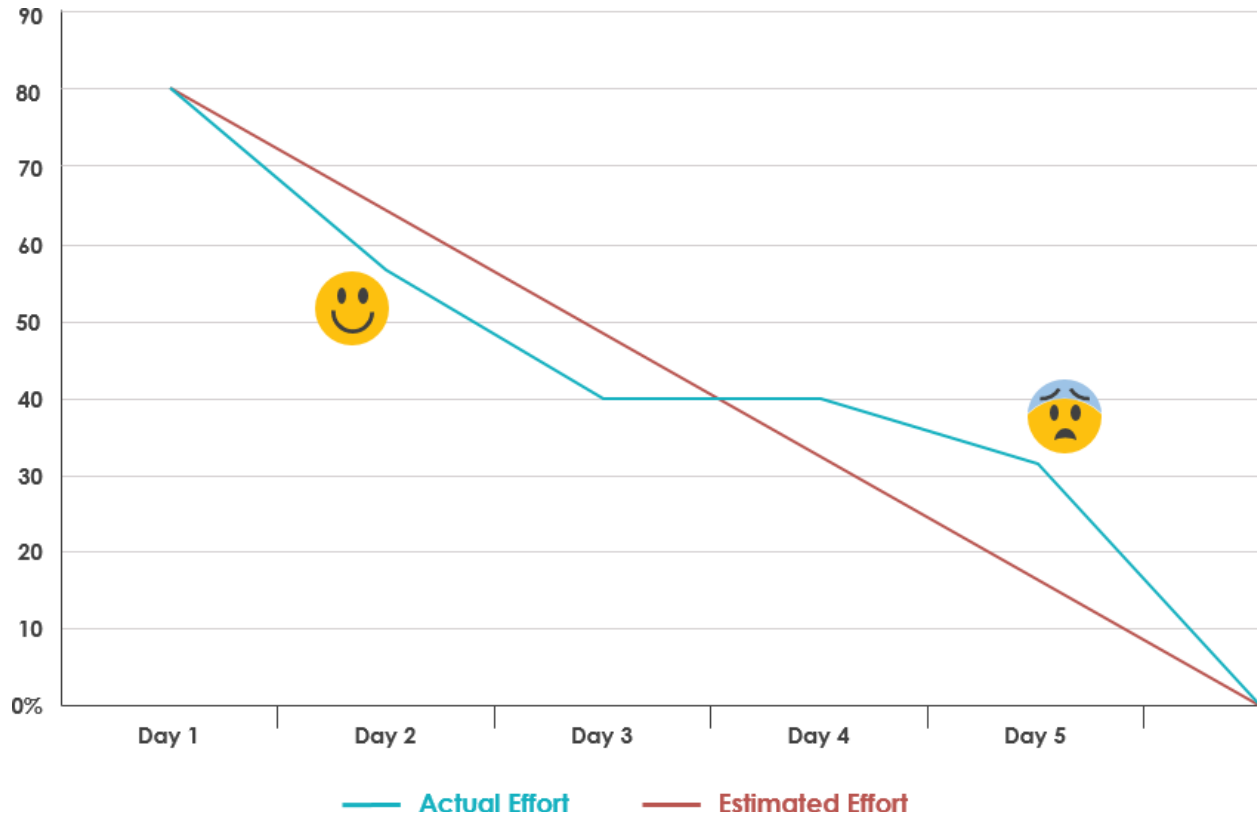
# What is a burndown chart in Agile/Scrum?

The **Release** or **Sprint Burndown Chart** makes the work progress visible. It is a graphic representation that shows the rate at which work is completed and how much work remains.

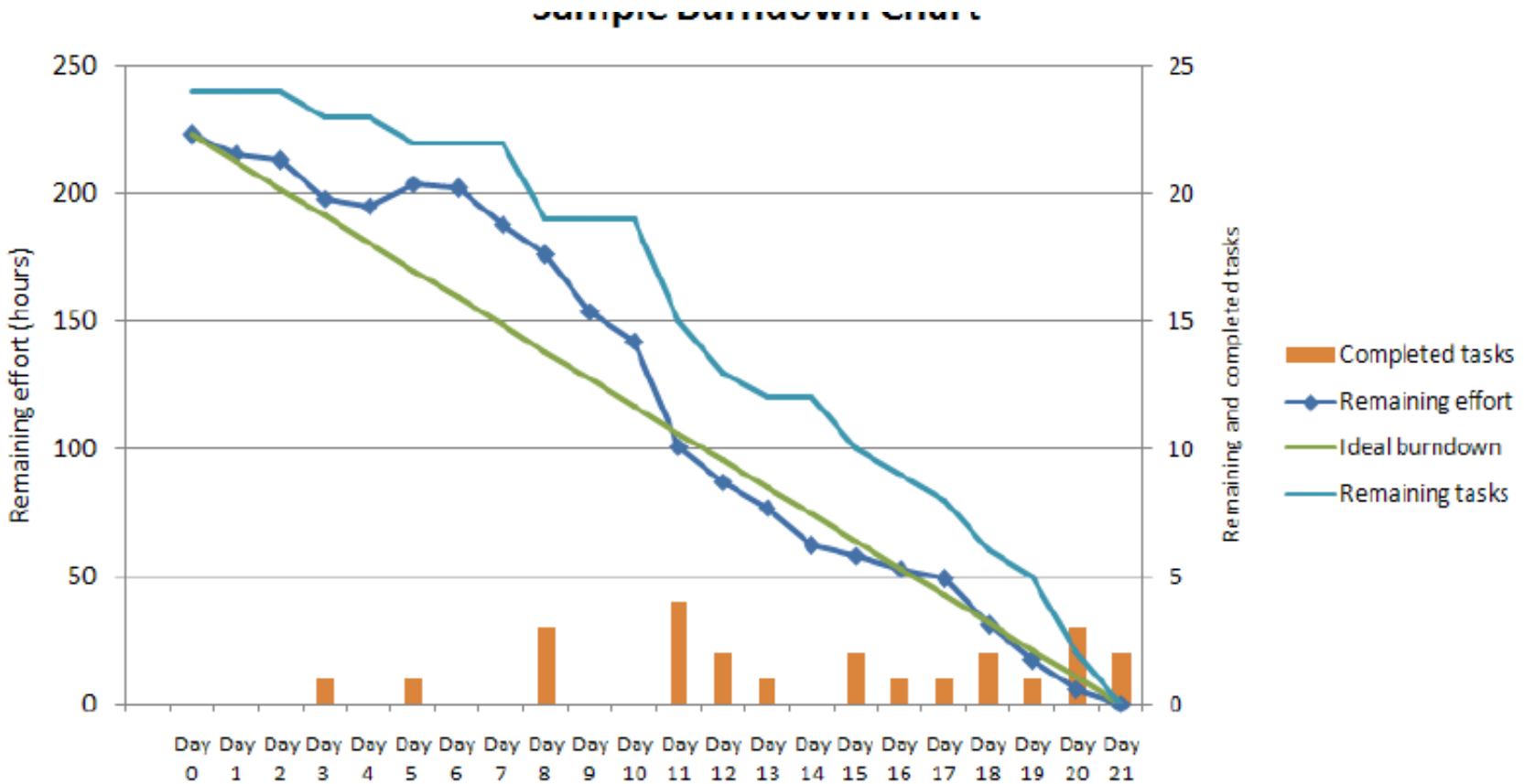


# Burndown chart: 2 types

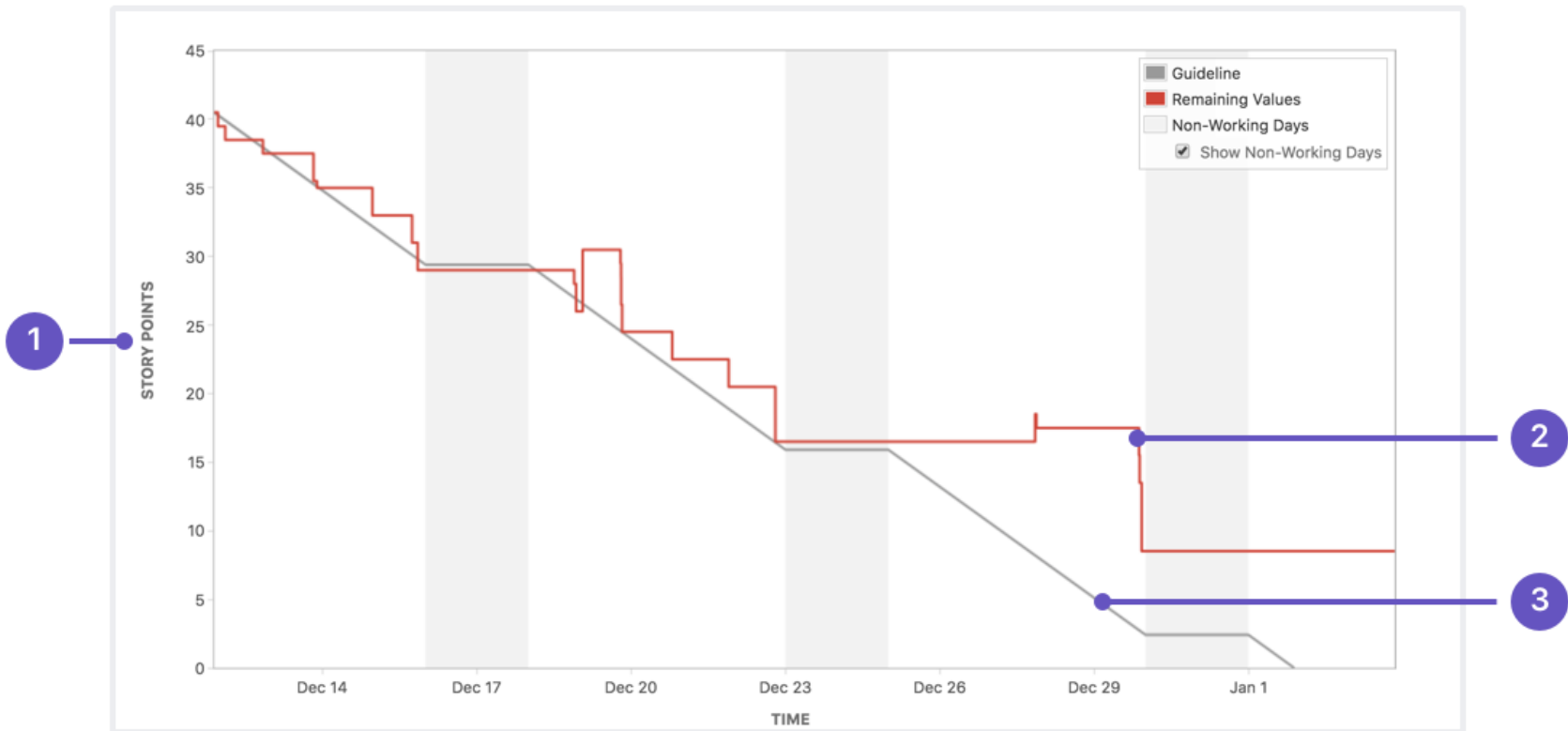
## 1. Sprint (by story points or hours - daily)



# SPRINT BURN DOWN CHART (BY HOURS)

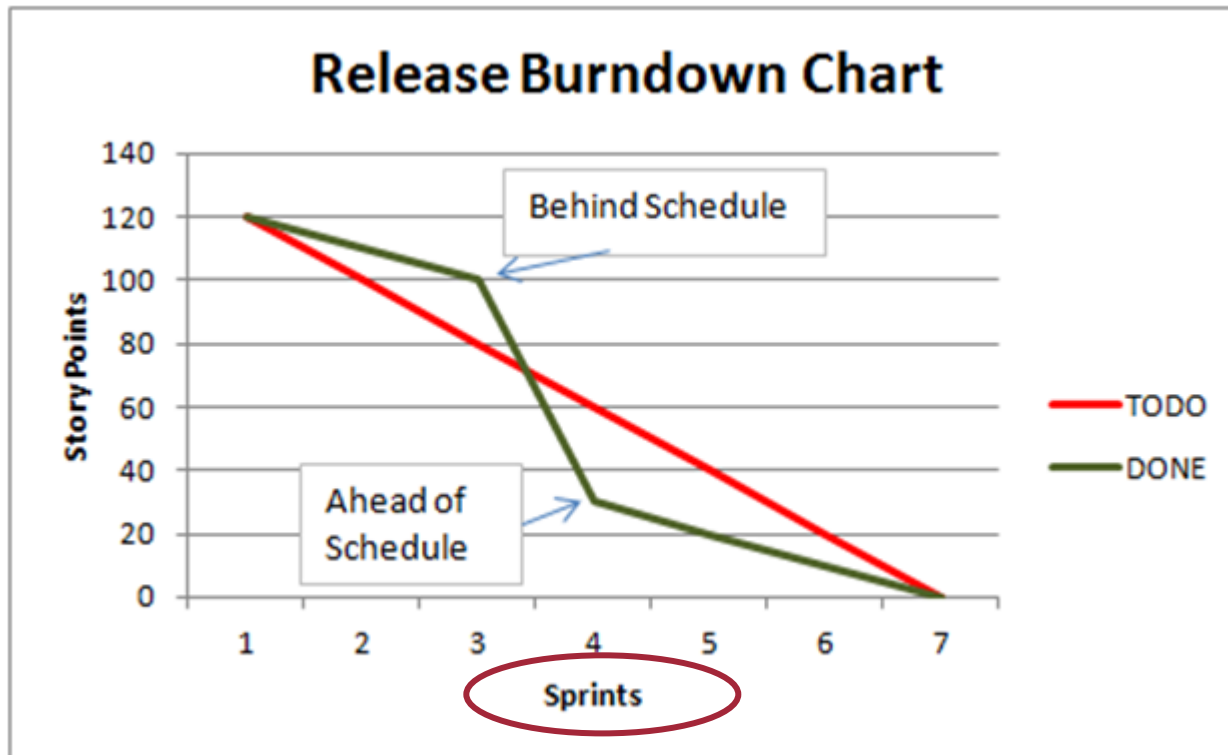


# SPRINT BURN DOWN CHART (BY STORY POINTS)



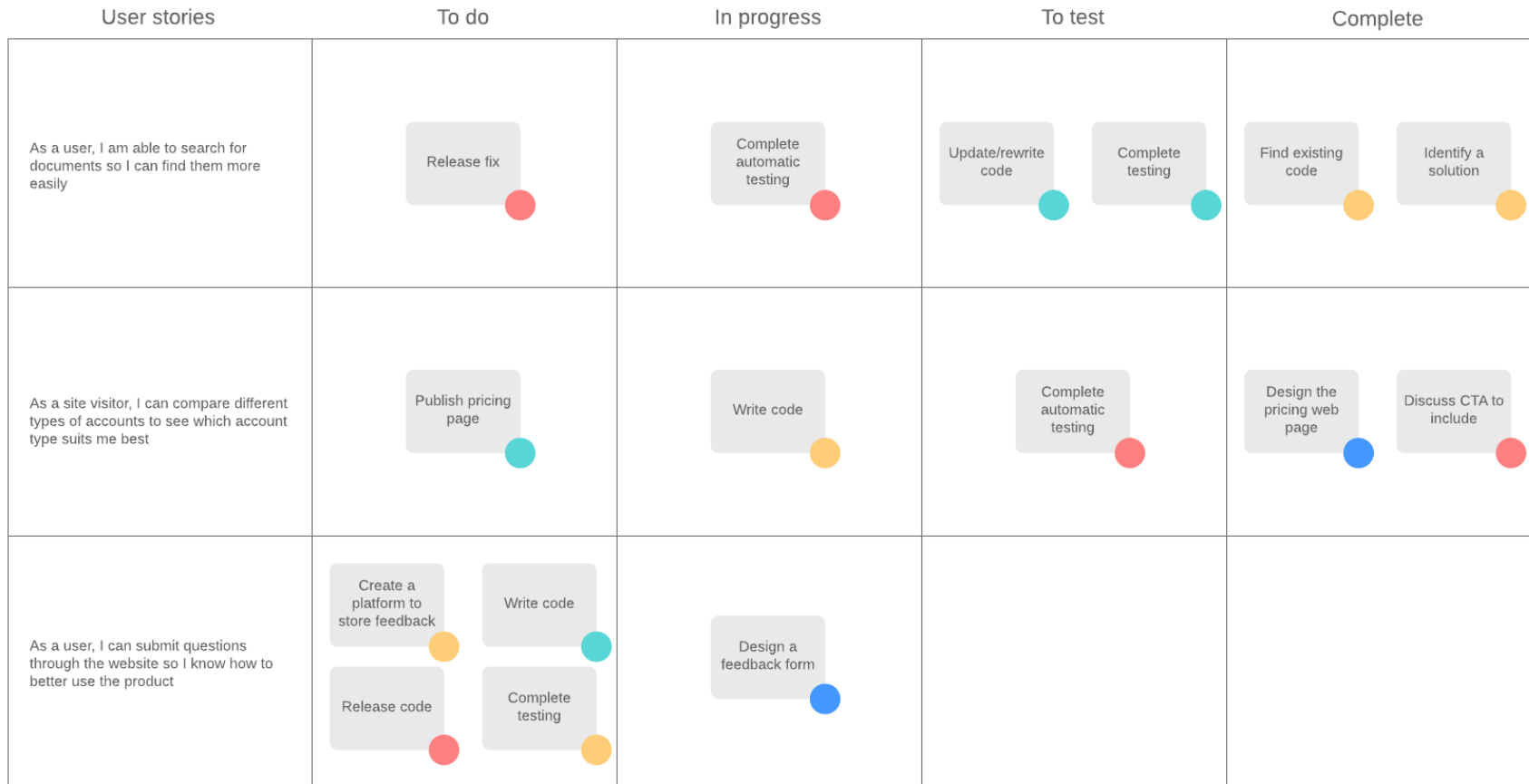
# Burndown chart: 2 types

## 2. Release (by story points or hours - sprint week)



# Scrum board: a swim lane!

*As discussed in week 7*



**In priority order**



**Each sticky = 1 day of work for 1 developer**

**Assignee**

- Riley Cox ●
- Andy Giles ●
- Mickel Poll ●
- Sarah Linton ●

**If the software that you are using does not allow for a clear view of your Scrum board, you can use Lucid chart (free software)**

# TASK PLANNING ON SCRUM BOARD

**SPRINT GOAL:** New customers should be able to pay using bank transfers.



*As discussed in week 7*

# SCRUM BOARD EXAMPLE

## Scrum Task Board

As discussed in week 7

Story	To Do		In Process	To Verify	DONE
As a user, I... 9 points	Code the... 6 points	Test the... 8 points	Code the... DL 6	Test the... DL 2	Code the... Test the... 2 points Test the... Test the... Test the... Test the... 2 points
As a user, I... 5 points	Code the... 8 points	Test the... 6 points	Code the... DL 4		Test the... Test the... Test the... 6 points

Make sure to clearly identify who is working on the task (color or name)

# SCRUM BOARD EXAMPLE

## SCRUM BOARD

User stories	To do	In progress	Complete
<p>As a volunteer, I want to find events on the calendar and sign-up for them, as well as participate in Seeds of Hope</p>	<p>Figure out logistics of Seeds of Hope (Disclaimer, format, who moderates)</p>	<p>Add volunteer registration button/link to each event</p>	<p>Home Page Layout</p>
<p>As a donor, I want to give funds and contribute to the Honor Wall</p>	<p>Create bios for Honor Wall</p>	<p>Sidebar of Honor Wall names</p> <p>Implementation of Honor Wall Tier system through "Shop" feature</p>	
<p>As a veteran, I want to connect with volunteers and find events on the calendar</p>	<p>Calendar connectivity with sign up forms</p>	<p>Overall cosmetic changes of website design and layout</p>	<p>Button Connectivity</p>

### Assignee:

Emily H: Green

Rachel R: Blue

Melody P: Yellow

Emily B: Pink

*As discussed in week 7*



# Product backlog

1. Prioritize your user stories
2. Estimate your stories with story points (or hours)
3. Create an ID for each story (example on next slide)

As discussed in week 6  
Now add your estimation in hours or point

High priority  
↑  
↓  
Low priority

User story	Story point(s)	Priority
As a user, I am able to search for documents so I can find them more easily	2	1
As a site visitor, I can compare different types of accounts to see which account type suites me best	1	2
As a user, I can submit questions through the website so I know how to better use the product	1	3
As a site visitor, I am shown what I can do in the product so I know whether or not this product will fill my needs	2	4
As a user, I want to be able to retrieve documents that were deleted so I can reclaim documents that were deleted on accident	3	5
As a site visitor and user, I can sign up for newsletters to remain up to date on the product	2	6
As a user, I am notified when a new feature is released so I know what is possible	1	7
As a user, I can change my user name if desired	3	8
As an admin, I need the ability to update which team a user belongs to so I can make sure all teams are up to date	3	9
As a user, I can enable spell check so I can be confident my final document has no spelling errors	4	10

# Product backlog (another example)

As discussed in week 6

Now add your estimation in hours or point

## ToDo List

ID	Story	Estimation	Priority
7	As an unauthorized User I want to create a new account	3	1
1	As an unauthorized User I want to login	1	2
10	As an authorized User I want to logout	1	3
9	Create script to purge database	1	4
2	As an authorized User I want to see the list of items so that I can select one	2	5
4	As an authorized User I want to add a new item so that it appears in the list	5	6
3	As an authorized User I want to delete the selected item	2	7
5	As an authorized User I want to edit the selected item	5	8
6	As an authorized User I want to set a reminder for a selected item so that I am reminded when item is due	8	9
8	As an administrator I want to see the list of accounts on login	2	10
<b>Total</b>		<b>30</b>	

# Product backlog (another example)

As discussed in week 6

Now add your estimation in hours or point

ID	User Story	Estimation	Priority
1	As a user, I want to receive up to date information on events and activities.	4	4
2	As a user, I want to sign up for upcoming events and activities.	1	5
3	As a user, I want to fill out the application to get assistance from the organization.	4	1
4	As a donor, I want to find a list of items that the organization needs.	5	6
5	As a donor, I want to find a simple way to donate to the organization.	1	3
6	As an administrator, I want to collect our users' information in our database.	5	2
7	As an administrator, I want to update our upcoming events on our website.	2	7
8	As an administrator, I want to list items that we need through donations.	3	8
<b>Total</b>		<b>25</b>	

# Studio Day (Day 1):

- 1) Continue working on your first sprint**
- 2) Start working on your client presentation  
(sprint review – also your 3<sup>rd</sup> assignment)**

# Assignment #3 - Sprint Review (Team Submission)

**Prepare a slide deck of 4-5 pages in which you will include:**

1. Title page (include team name/members)
2. Your product roadmap
3. The progress you have made to date regarding your client project (you can present a feature that you built or are building) – ideally a Demo!
4. What is your To Do list until the Final Presentation + Any clarifications or questions for the client

You will present to the client and get feedback on your work and discuss what should be done prior to the final presentation.

You will have 8-10 minutes to present including Q&A.

In your slide deck, make sure that:

- You use interesting visual
- Minimum words (for details, use the notes section)
- One page per topic

# Day 2

## **Teams work independently (no formal class)**

- 1) Complete your first sprint**
- 2) Finish your client presentation (sprint review – also your 3<sup>rd</sup> assignment)**