



Jira Software

Jira Software for Scrum



CLARUSWAY©
WAY TO REINVENT YOURSELF

Did you finish the Jira Software
(Jira Software for Scrum)
pre-class activity?



Students choose an option

Pear Deck Interactive Slide
Do not remove this bar

Table of Contents



- ▶ Scrum Board
- ▶ Introduction to Issues
- ▶ Working with Issues
- ▶ Planning Sprints
- ▶ Reports in Jira



Have you created your
Jira Software Cloud site?





1

Scrum Board



What is Board?

- ▶ A board displays issues from one or more projects in columns that represent the team's process.
- ▶ There are three types of boards in the Jira Software.

Type of Board	For Which Teams?
Scrum board	Teams that plan their work in sprints.
Kanban board	Teams that focus on managing their WIP.
Next-gen board	Teams who are new to agile.



Creating a project also
creates a board.



Students choose an option

Pear Deck Interactive Slide
Do not remove this bar



Who typically creates
new projects for teams?



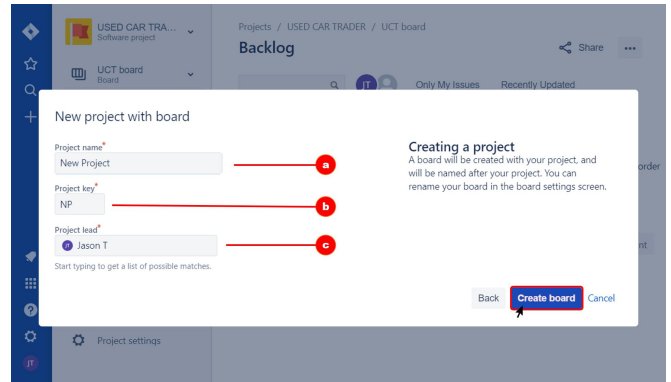
Students choose an option

Pear Deck Interactive Slide
Do not remove this bar

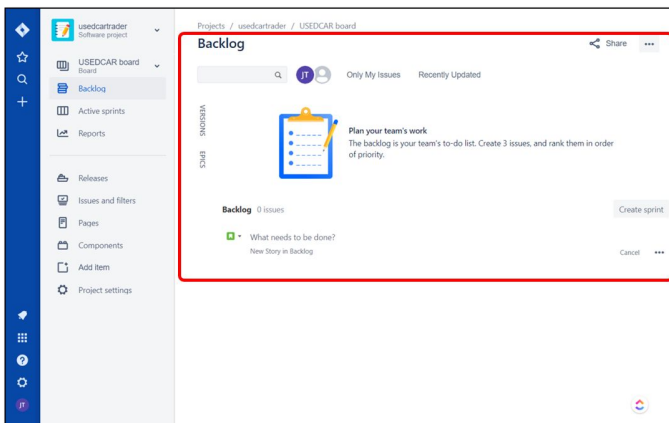


Project Key

- ▶ A project key is a unique code for your project.
- ▶ Jira Software will automatically generate a short project key in accordance with your project name.
- ▶ However, if you want to specify this auto-generated key yourself, you can change it.



Scrum Backlog



- ▶ A backlog is a list of issues that can be created for your project.
- ▶ You can create issues and sprints in the backlog.
- ▶ Then, you can add issues to a sprint so that your team can work on it.



All members of the team can
view and use the boards.



Students choose an option

Pear Deck Interactive Slide
Do not remove this bar



2

Introduction to Issues

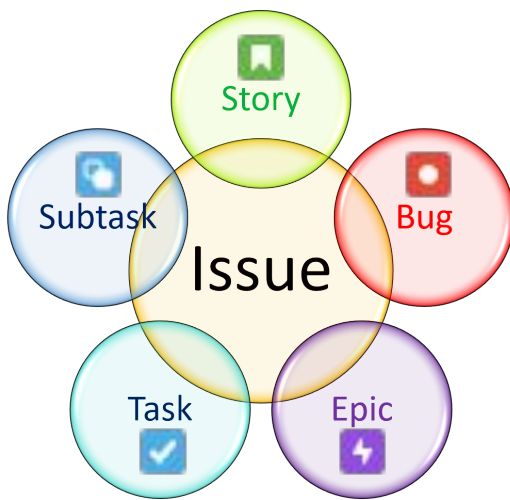


► What is an Issue?

In Jira, teams use **issues** to track individual pieces of work that must be completed.



► Issue Types



- **Epic** : An epic is a set of jobs that can be divided into manageable user stories.

- **Story** : A story is a short requirement written from an end-user perspective.

- **Task** : A task represents the job that needs to be done.

- **Subtask**: A subtask can be considered as a smaller piece of a story.

- **Bug** : A bug impairs expected functionality of the product.



Which statement is correct?



Students choose an option

Pear Deck Interactive Slide
Do not remove this bar

Examples for Issue Types

Epic	Story	Task	Subtask	Bug
Full website redesign	As a registered user, I want to send message to sellers, So that I can chat with sellers.	Redesign a single web page	Create calendar widget for new web page	Send Mail feature doesn't launch mail client
Product launch	As a registered user, I want to save my personal and contact information, So that buyers and sellers can contact me.	Create a new logo	Schedule meeting for usability testing	System crashes when entering addresses with a hashtag
Quality Assurance Initiative		Perform usability testing	Select colors for new logo	URL directs to nonexistent web page

CLARUSWAY©
WAY TO REINVENT YOURSELF

16



A project in Jira Software manages a collection of what.



Students choose an option

Pear Deck Interactive Slide
Do not remove this bar

Issue Fields

Field	Description
Issue type	The issue types you can define in Jira Software are Story, Task, Bug, and Epic.
Summary	This field is marked with an asterisk, so you have to write a summary to create an issue.
Description	This field is where you write a description of your issue.
Fix versions	This field is used to indicate the future version in which the issue is resolved.
Labels	This field can be considered as a tag or keywords.
Environment	This field describes the environment of the issue.
Attachment	You can attach files to this field from your local drive or cloud storage provider.
Affects versions	This field describes in which version the bug exists.
Linked Issues	Using this field, you can link issues in your project.
Priority	This field describes the priority of the issue.
Assignee	This field represents the user who the issue is assigned to.
Epic Link	This field is a relational link to identify the parent epic of the issue.
Sprint	This field is used to add the issue to the sprint that you want to associate with.



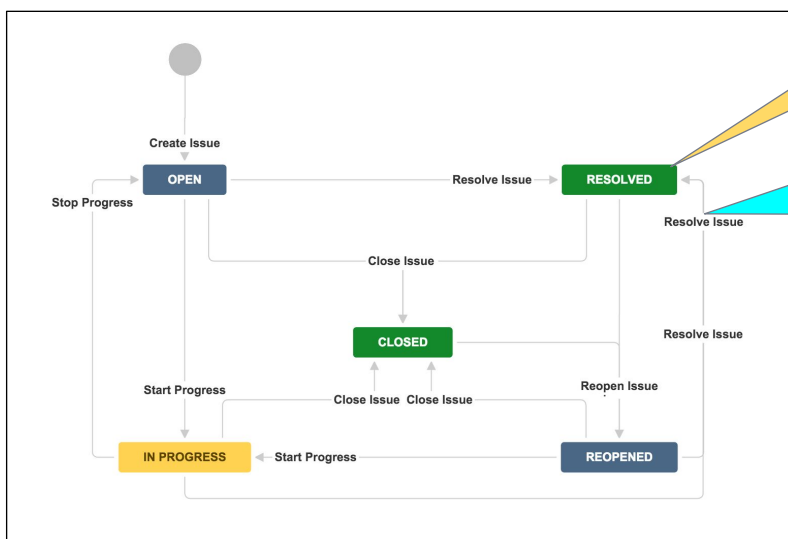
Issue Priorities

The priority of an issue determines how important it is relative to other issues.

Priority	Description
↑ Highest	This problem will block progress.
↑ High	Serious problem that could block progress.
↑ Medium	Has the potential to affect progress.
↓ Low	Minor problem or easily worked around.
↓ Lowest	Trivial problem with little or no impact on progress.



Issue Workflows



Status represents the stage of an issue at a particular time.

Transition is the link between two statuses that allows an issue to move from one status to another.

Tips:

- JIRA's system workflow can be customized by your JIRA administrator.



Board Columns represent
the underlying workflow.



Students choose an option

Pear Deck Interactive Slide
Do not remove this bar



3

Working with Issues



Creating Issue

1

Click on "+" button from the global navigation bar

OR

1

Click on "Create Issue" button in the Backlog

2

Fill in the Dialogue Box



Issue Card (How it looks like in the Active Sprints mode)

Summary

As a product owner, I'd like to express work in terms of actual user problems, aka User Stories, and place them in the backlog >> Try creating a

Epic

Learning Scrum with Jira

Issue Type

2

Issue Priority

Estimate

Project Key

SSP-2

Assignee

JT



How can you determine the relative priority of an issue in Jira?



Students choose an option

Pear Deck Interactive Slide
Do not remove this bar

Creating Epic

1

Click on "EPICS"

2

Click on "Create Epic"

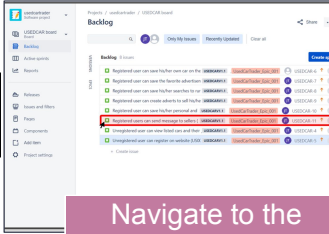
3

Fill in the Dialogue Box



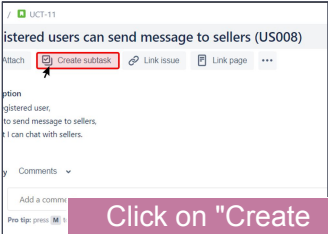
Creating Subtask

1



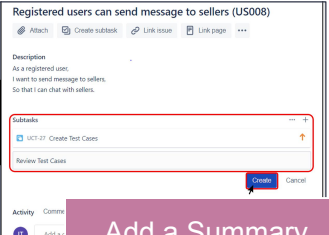
Navigate to the parent issue

2




Click on "Create subtask" button

3



Add a Summary

4

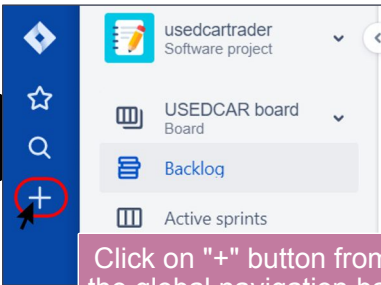


Fill in the Subtask Fields



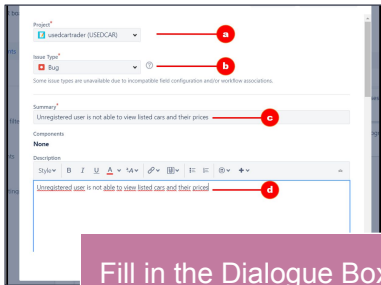
Creating Bug

1



Click on "+" button from the global navigation bar

2



Fill in the Dialogue Box



Logging Time on Issues

UCT-11 / UCT-27

Create Test Cases

Attach Link issue Link page ...

Description

Add a description...

Activity Comments

JT Add a comment...

Pro tip: press **M** to comment

Assignee Unassigned

Reporter JT Jason T

Labels None

Priority Medium

Original Estimate 0m

Time tracking

7h 20m logged 5h 30m remaining

Components None

Time tracking

7h 20m logged 5h 30m remaining

Time spent 2h 35m Time remaining 5h 30m

Date started* 2020/01/01 3:00pm

Work description

Aa B I ... A V I E +

Review Test Cases

Save Cancel



Cloning an Issue

UCT-11 / UCT-28

Review Test Cases

Attach Link issue Link page ...

Description

Add a description...

Activity Comments

JT Add a comment...

Pro tip: press **M** to comment

Log work

Add flag

Convert to Issue

Move

Clone

Delete

Print

Export XML

Export Word

NEW JIRA ISSUE VIEW

Show me the highlights

Find out more

Turn off for now

Configure

Updated December 6, 2019, 3:47 PM

Configure

usedcartrader / UCT-11 Registered users can send message to ... / UCT-28

Review Test Cases

Clone issue: UCT-28

You do not have the "Modify Reporter" permission. You will be the reporter of the clone issue.

Summary* CLONE - Review Test Cases

Create Cancel



4

Planning Sprints



Starting Sprint

Projects / usedcartrader / USED CAR board

Backlog

Search [] [JT] Only My Issues Recently Updated Clear all

USED CAR Sprint 1 3 Issues

Issue	USED CAR V1.1	UsedCarTrader_Epic_001	USED CAR	Estimate
Unregistered user can view listed cars and their prices	USED CAR V1.1	UsedCarTrader_Epic_001	USED CAR-4	8
Unregistered user can register on website (US002)	USED CAR V1.1	UsedCarTrader_Epic_001	USED CAR-5	5
Registered user can save his/her own car on the website (US003)	USED CAR V1.1	UsedCarTrader_Epic_001	USED CAR-6	5

+ Create issue

Backlog 5 Issues

Issue	USED CAR V1.1	UsedCarTrader_Epic_001	USED CAR	Estimate
Registered users can send message to sellers (US008)	USED CAR V1.1	UsedCarTrader_Epic_001	USED CAR-11	8
Registered user can save his/her personal and contact information (US007)	USED CAR V1.1	UsedCarTrader_Epic_001	USED CAR-10	5
Registered user can create adverts to sell his/her car (US006)	USED CAR V1.1	UsedCarTrader_Epic_001	USED CAR-9	3
Registered user can save his/her searches to run again (US005)	USED CAR V1.1	UsedCarTrader_Epic_001	USED CAR-8	5
Registered user can save the favorite advertisements (US004)	USED CAR V1.1	UsedCarTrader_Epic_001	USED CAR-7	3

+ Create issue

3 Issues Estimate 18

1 Create sprint

2

3 Start sprint

Click on
'Create
Sprint'

Drag and
Drop

Click on 'Start
Sprint'



Starting Sprint

Start sprint

3 issues will be included in this sprint.

Sprint name:*
USED CAR Sprint 1 **a**

Duration:*
2 weeks **b**

Start date:*
20/Nov/19 3:10 PM **c**

End date:*
4/Dec/19 03:10 PM **d**

Sprint goal:
We need to complete this sprint in 10 working days. **e**

f Start Cancel

PROVIDE A NAME FOR THE SPRINT

SET THE DURATION OF THE SPRINT

SET THE START DATE

SEE THE END DATE AUTO-UPDATED

PROVIDE THE SPRINT GOAL

CLICK ON THE START BUTTON



Working with Sprint

Projects / usedcartrader / USED CAR board

USED CAR Sprint 1 ☆ ⌚ 9 days remaining Complete sprint

We need to complete this sprint in 10 working days.

Search JT Only My Issues Recently Updated

TO DO

- Unregistered user can view listed cars and their prices
UsedCarTrader_Epic_001
USED CAR-4
- Unregistered user can register on website (US002)
UsedCarTrader_Epic_001
USED CAR-5
- Registered user can save his/her own car on the website (US003)
UsedCarTrader_Epic_001
USED CAR-6

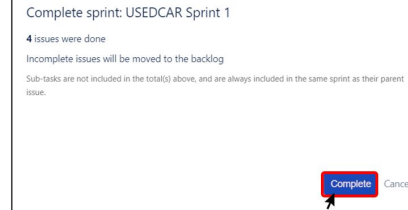
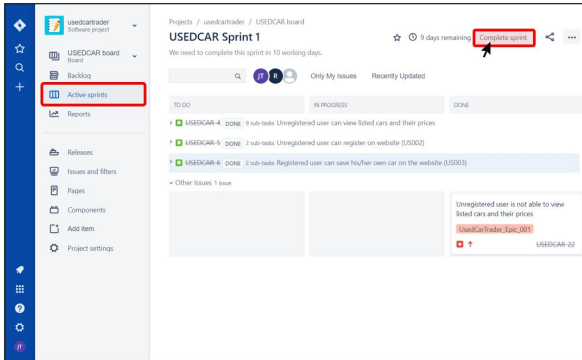
IN PROGRESS

DONE





Completing Sprint



Click on
'Complete
Sprint'



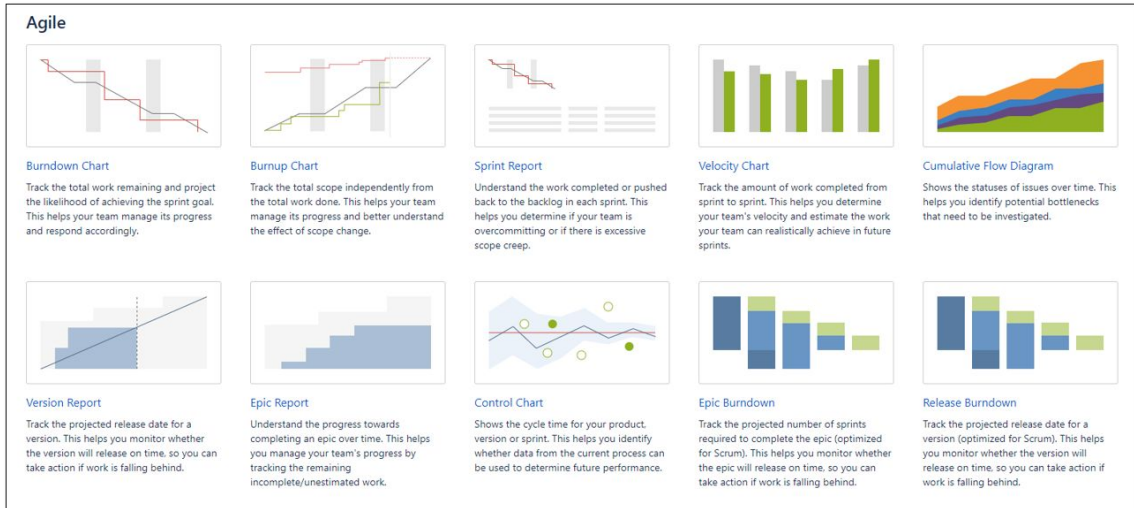
Click on
'Complete'



5 Reports in Jira



Agile Reports

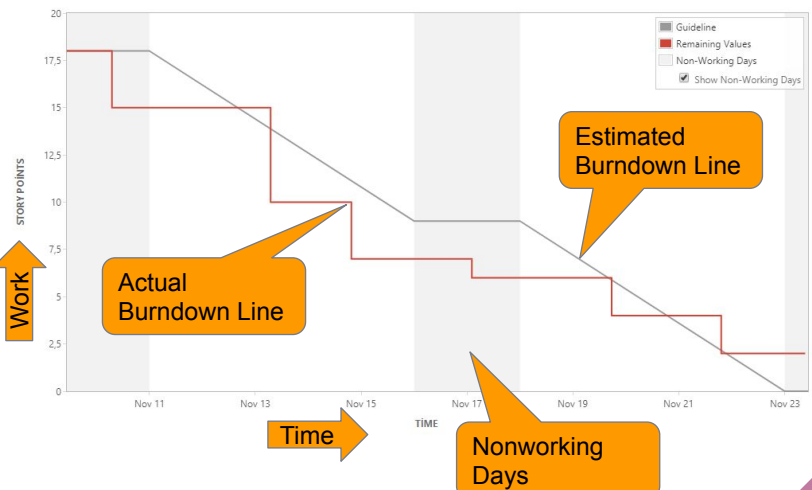


Burndown Chart

- ▶ **Actual and estimated work**
- ▶ **Track sprint progress**
- ▶ **Identify problems**
- ▶ **Past and present performance**
- ▶ **Likelihood achieving sprint goal**

Burndown Chart

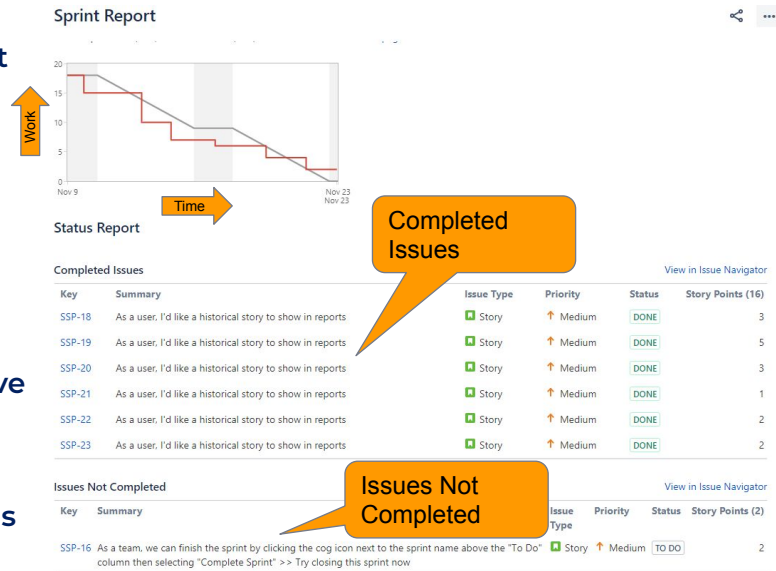
Sample Sprint 1 Story Points ⓘ How to read this chart





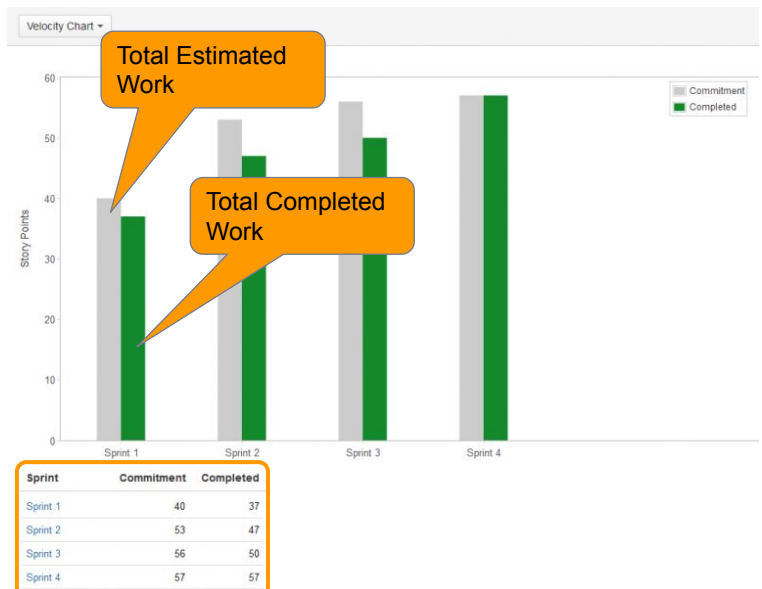
Sprint Reports

- ▶ Condensed Burndown Chart
- ▶ List of complete and incomplete issues
- ▶ Summary of sprint progress
- ▶ Useful for sprint retrospective meetings
- ▶ Only applies to scrum boards



Velocity Chart

- ▶ Shows estimates versus actual work completed
- ▶ Helps predict future performance
- ▶ Identify trends in commitments & delivery
- ▶ Useful for sprint planning to determine scope





Which report is an answer to this question?

How many story points left to cover in the sprint?



Students choose an option

Pear Deck Interactive Slide
Do not remove this bar

Kahoot!



How well did you like this lesson?



Students, drag the icon!

Pear Deck Interactive Slide
Do not remove this bar

THANKS!

Any questions?

You can find me at:

- ▶ @Alex Duncan - Instructor
- ▶ alex.d@clarusway.com

