

Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	01 NOVEMBER 2022
Team ID	PNT2022TMID40063
Project Name	Plasma donor application
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	
	Dashboard					

Project Tracker, Velocity & Burndown Chart: (4 Marks)

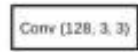
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		

Velocity:

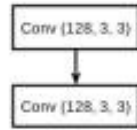
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

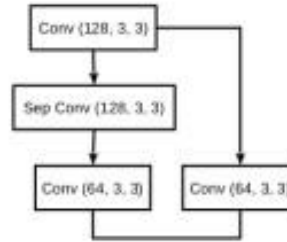
Hour 1
Fitness: 0.8819



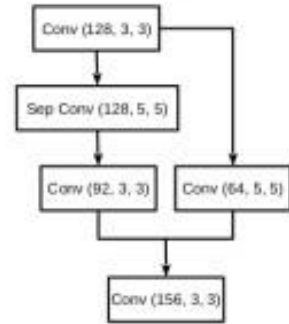
Hour 2
Fitness: 0.8884



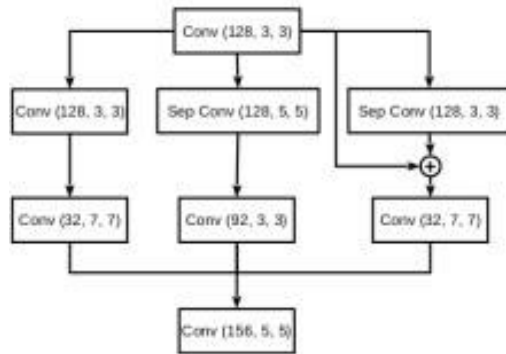
Hour 4
Fitness: 0.9052



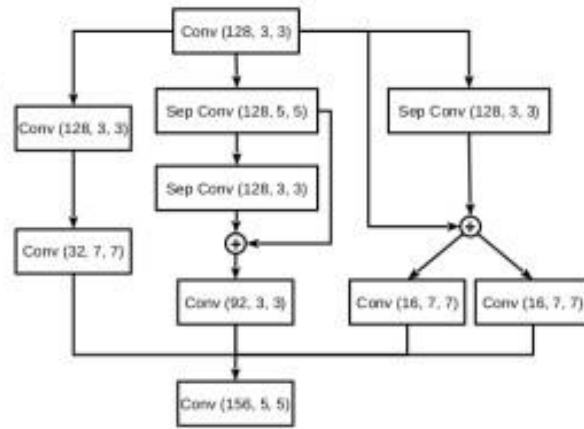
Hour 7
Fitness: 0.9246

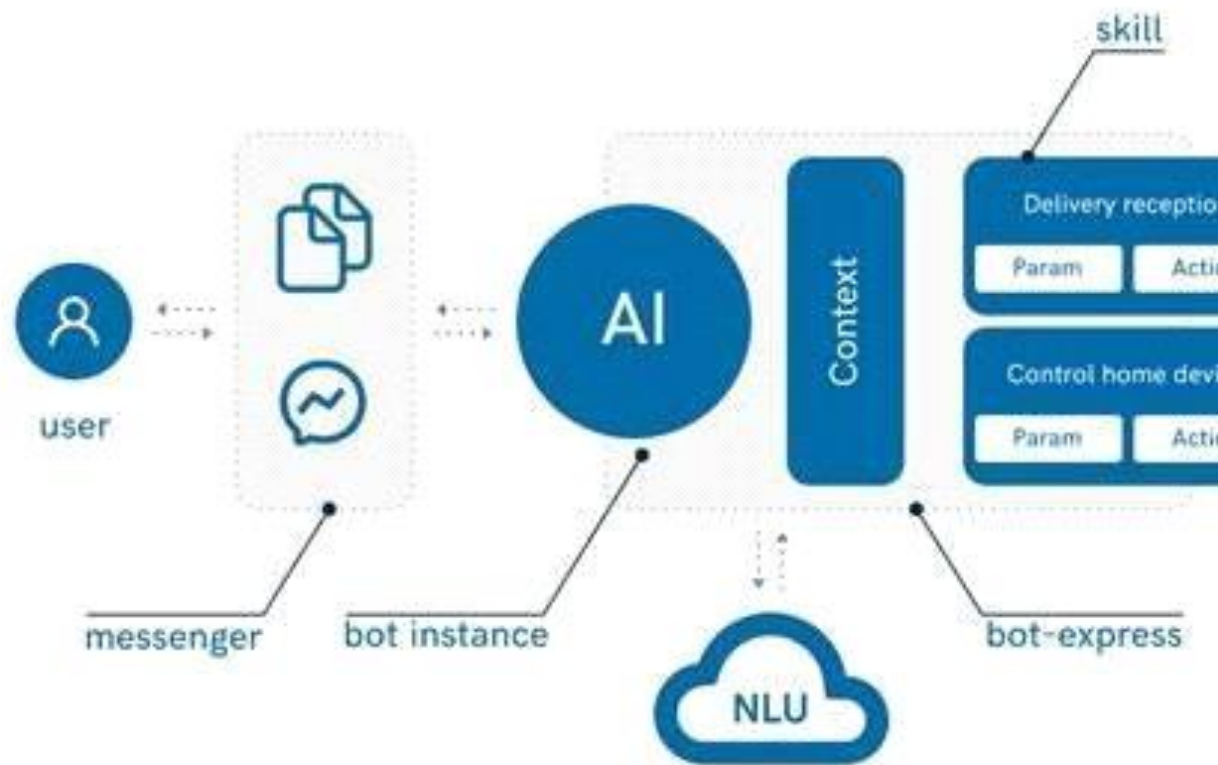


Hour 13
Fitness: 0.9347



Hour 19
Fitness: 0.9323





Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development [HYPERLINK "https://www.visual-paradigm.com/scrum/what-is-agile-software-development/"](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) [HYPERLINK "https://www.visual-paradigm.com/scrum/what-is-agile-software-development/"](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) [HYPERLINK "https://www.visual-paradigm.com/scrum/what-is-agile-software-development/"](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

<https://www.>

[visua](https://www.)

HYPERLINK

"https://ww
w.visual-
paradigm.co
m/scrum/scr
um-
burndown-
chart/"

HYPERLINK

"https://ww
w.visual-
paradigm.co
m/scrum/scr
um-
burndown-
chart/"

HYPERLINK

"https://ww
w.visual-
paradigm.co
m/scrum/scr
um-
burndown-
chart/"l-

HYPERLINK

"https://ww
w.visual-

[paradiqm.co](#)

[m/scrum/scr](#)

[um-](#)

[burndown-](#)

[chart/"](#)

[HYPERLINK](#)

["https://ww](#)

[w.visual-](#)

[paradiqm.co](#)

[m/scrum/scr](#)

[um-](#)

[burndown-](#)

[chart/"](#)

[HYPERLINK](#)

["https://ww](#)

[w.visual-](#)

[paradiqm.co](#)

[m/scrum/scr](#)

[um-](#)

[burndown-](#)

[chart/"parad](#)

[iqm.com/scr](#)

[um/scru](#)

[HYPERLINK](#)

["https://ww](#)

[w.visual-](#)

[paradiqm.co](#)

[m/scrum/scr](#)

[um-](#)

[burndown-](#)

[chart/"](#)

[HYPERLINK](#)

["https://ww](#)

[w.visual-](#)

[paradigm.co](#)

[m/scrum/scr](#)

[um-](#)

[burndown-](#)

[chart/"](#)

[HYPERLINK](#)

["https://ww](#)

[w.visual-](#)

[paradigm.co](#)

[m/scrum/scr](#)

[um-](#)

[burndown-](#)

[chart/"m](#)

[HYPERLINK](#)

["https://ww](#)

[w.visual-](#)

[paradigm.co](#)

[m/scrum/scr](#)

[um-](#)

[burndown-](#)

chart/"

HYPERLINK

"https://ww

w.visual-

paradigm.co

m/scrum/scr

um-

burndown-

chart/"

HYPERLINK

"https://ww

w.visual-

paradigm.co

m/scrum/scr

um-

burndown-

chart/"-

HYPERLINK

"https://ww

w.visual-

paradigm.co

m/scrum/scr

um-

burndown-

chart/"

HYPERLINK

"https://ww

[w.visual-](#)
[paradigm.co](#)
[m/scrum/scr](#)
[um-](#)
[burndown-](#)
[chart/"](#)

[HYPERLINK](#)

["https://ww](#)

[w.visual-](#)
[paradigm.co](#)
[m/scrum/scr](#)
[um-](#)
[burndown-](#)
[chart/"burnd](#)

[ow](#)

[HYPERLINK](#)

["https://ww](#)

[w.visual-](#)
[paradigm.co](#)
[m/scrum/scr](#)
[um-](#)
[burndown-](#)
[chart/"](#)

[HYPERLINK](#)

["https://ww](#)

[w.visual-](#)
[paradigm.co](#)

[m/scrum/scr](#)

[um-](#)

[burndown-](#)

[chart/"](#)

[HYPERLINK](#)

["https://ww](#)

[w.visual-](#)

[paradigm.co](#)

[m/scrum/scr](#)

[um-](#)

[burndown-](#)

[chart/"n](#)

[HYPERLINK](#)

["https://ww](#)

[w.visual-](#)

[paradigm.co](#)

[m/scrum/scr](#)

[um-](#)

[burndown-](#)

[chart/"](#)

[HYPERLINK](#)

["https://ww](#)

[w.visual-](#)

[paradigm.co](#)

[m/scrum/scr](#)

[um-](#)

[burndown-](#)

chart/"

HYPERLINK

"https://ww

w.visual-

paradigm.co

m/scrum/scr

um-

burndown-

chart/"-

HYPERLINK

"https://ww

w.visual-

paradigm.co

m/scrum/scr

um-

burndown-

chart/"

HYPERLINK

"https://ww

w.visual-

paradigm.co

m/scrum/scr

um-

burndown-

chart/"

HYPERLINK

"https://ww

[w.visual-
paradigm.co
m/scrum/scr
um-
burndown-
chart/"chart
HYPERLINK
"https://ww](https://www.visual-paradigm.com/scrum/scrum-burndown-chart/)

[w.visual-
paradigm.co
m/scrum/scr
um-
burndown-
chart/"
HYPERLINK
"https://ww](https://www.visual-paradigm.com/scrum/scrum-burndown-chart/)

[w.visual-
paradigm.co
m/scrum/scr
um-
burndown-
chart/"
HYPERLINK
"https://ww](https://www.visual-paradigm.com/scrum/scrum-burndown-chart/)

[w.visual-
paradigm.co
m/scrum/scr](https://www.visual-paradigm.com/scrum/scrum-burndown-chart/)

um-

burndown-

chart"/

https://www.

atlassian.co

m/agile/tutor

ials/burnd

HYPERLINK

"https://ww

w.atlassian.

com/agile/tu

torials/burn

down-

charts"

HYPERLINK

"https://ww

w.atlassian.

com/agile/tu

torials/burn

down-

charts"

HYPERLINK

"https://ww

w.atlassian.

com/agile/tu

torials/burn

down-

charts"o

HYPERLINK

"https://ww

w.atlassian.

com/agile/tu

torials/burn

down-

charts"

HYPERLINK

"https://ww

w.atlassian.

com/agile/tu

torials/burn

down-

charts"

HYPERLINK

"https://ww

w.atlassian.

com/agile/tu

torials/burn

down-

charts"w

HYPERLINK

"https://ww

w.atlassian.

com/agile/tu

torials/burn

down-

charts"

HYPERLINK

"https://ww

w.atlassian.

com/agile/tu

torials/burn

down-

charts"

HYPERLINK

"https://ww

w.atlassian.

com/agile/tu

torials/burn

down-

charts"n

HYPERLINK

"https://ww

w.atlassian.

com/agile/tu

torials/burn

down-

charts"

HYPERLINK

"https://ww

w.atlassian.

com/agile/tu

[torials/burn](#)

[down-](#)

[charts"](#)

[HYPERLINK](#)

["https://ww](#)

[w.atlassian.](#)

[com/agile/tu](#)

[torials/burn](#)

[down-](#)

[charts"-](#)

[HYPERLINK](#)

["https://ww](#)

[w.atlassian.](#)

[com/agile/tu](#)

[torials/burn](#)

[down-](#)

[charts"](#)

[HYPERLINK](#)

["https://ww](#)

[w.atlassian.](#)

[com/agile/tu](#)

[torials/burn](#)

[down-](#)

[charts"](#)

[HYPERLINK](#)

["https://ww](#)

[w.atlassian.](#)

[com/agile/tu](#)

[torials/burn](#)

[down-](#)

[charts"chart](#)

[HYPERLINK](#)

["https://ww](#)

[w.atlassian.](#)

[com/agile/tu](#)

[torials/burn](#)

[down-](#)

[charts"](#)

[HYPERLINK](#)

["https://ww](#)

[w.atlassian.](#)

[com/agile/tu](#)

[torials/burn](#)

[down-](#)

[charts"](#)

[HYPERLINK](#)

["https://ww](#)

[w.atlassian.](#)

[com/agile/tu](#)

[torials/burn](#)

[down-](#)

[charts"s](#)

Reference:

<https://www.atlassian.com/agile/project-management> HYPERLINK

"<https://www.atlassian.com/agile/project-management>"

HYPERLINK "<https://www.atlassian.com/agile/project-management>" HYPERLINK

"<https://www.atlassian.com/agile/project-management>"t

HYPERLINK "<https://www.atlassian.com/agile/project-management>" HYPERLINK

"<https://www.atlassian.com/agile/project-management>"

HYPERLINK "<https://www.atlassian.com/agile/project-management>"- HYPERLINK

"<https://www.atlassian.com/agile/project-management>"

HYPERLINK "<https://www.atlassian.com/agile/project-management>" HYPERLINK

"<https://www.atlassian.com/agile/project-management>"managemen HYPERLINK

"<https://www.atlassian.com/agile/project-management>"

HYPERLINK "<https://www.atlassian.com/agile/project-management>" HYPERLINK

"<https://www.atlassian.com/agile/project-management>"t

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software> HYPERLINK

"<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>" HYPERLINK

"<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>" HYPERLINK

"<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>"w HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) - HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) - HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software)

[scrum-with-jira-software" HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software"d HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software" HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software" HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software"o HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software" HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software" HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software"- HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software" HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software" HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software"scru HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software" HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software" HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software"m HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) - HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) wit HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) h HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) - HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software) HYPERLINK

["https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software"](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software)

[scrum-with-jira-software" HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software" jir HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software" HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software" HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software"a HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software" HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software" HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software"- HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software" HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software" HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software"softwar HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software" HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software" HYPERLINK](#)

["https://www.atlassian.com/agile/tutorials/how-to-do-](#)

[scrum-with-jira-software"e https://www.atlassian.c](#)

HYPERLINK

"https://www.atlassian.com/agile/tutorials/epics"

HYPERLINK

"https://www.atlassian.com/agile/tutorials/epics"

HYPERLINK

"https://www.atlassian.com/agile/tutorials/epics" o

HYPERLINK

"https://www.atlassian.com/agile/tutorials/epics"

HYPERLINK

"https://www.atlassian.com/agile/tutorials/epics"

HYPERLINK

"https://www.atlassian.com/agile/tutorials/epics" m/agile/t

utorials/epic HYPERLINK

"https://www.atlassian.com/agile/tutorials/epics"

HYPERLINK

"https://www.atlassian.com/agile/tutorials/epics"

HYPERLINK

"https://www.atlassian.com/agile/tutorials/epics"s

https://www.atlassian.com/agile/tutorials/sprint

HYPERLINK

"https://www.atlassian.com/agile/tutorials/sprints"

HYPERLINK

"https://www.atlassian.com/agile/tutorials/sprints"

HYPERLINK

"https://www.atlassian.com/agile/tutorials/sprints"s

https://www.atlassian.com/agile/proje HYPERLINK

"https://www.atlassian.com/agile/project-

management/estimation" HYPERLINK

"https://www.atlassian.com/agile/project-

management/estimation" HYPERLINK

"https://www.atlassian.com/agile/project-

management/estimation"c HYPERLINK

"https://www.atlassian.com/agile/project-

management/estimation" HYPERLINK

"https://www.atlassian.com/agile/project-

management/estimation" HYPERLINK

"https://www.atlassian.com/agile/project-

management/estimation"t HYPERLINK

"https://www.atlassian.com/agile/project-

management/estimation" HYPERLINK

"https://www.atlassian.com/agile/project-

management/estimation" HYPERLINK

"https://www.atlassian.com/agile/project-

management/estimation"- HYPERLINK

"https://www.atlassian.com/agile/project-

management/estimation" HYPERLINK

"https://www.atlassian.com/agile/project-

management/estimation" HYPERLINK

"https://www.atlassian.com/agile/project-

management/estimation"management/estimatio

HYPERLINK "https://www.atlassian.com/agile/project-

management/estimation" HYPERLINK

"https://www.atlassian.com/agile/project-

management/estimation" HYPERLINK

["https://www.atlassian.com/agile/project-management/estimation"](https://www.atlassian.com/agile/project-management/estimation)n

<https://www.atlassian.com/agile/tutorials/burndown>
HYPERLINK

["https://www.atlassian.com/agile/tutorials/burndown-charts"](https://www.atlassian.com/agile/tutorials/burndown-charts) HYPERLINK

["https://www.atlassian.com/agile/tutorials/burndown-charts"](https://www.atlassian.com/agile/tutorials/burndown-charts) HYPERLINK

["https://www.atlassian.com/agile/tutorials/burndown-charts"](https://www.atlassian.com/agile/tutorials/burndown-charts)n HYPERLINK

["https://www.atlassian.com/agile/tutorials/burndown-charts"](https://www.atlassian.com/agile/tutorials/burndown-charts) HYPERLINK

["https://www.atlassian.com/agile/tutorials/burndown-charts"](https://www.atlassian.com/agile/tutorials/burndown-charts) HYPERLINK

["https://www.atlassian.com/agile/tutorials/burndown-charts"](https://www.atlassian.com/agile/tutorials/burndown-charts)- HYPERLINK

["https://www.atlassian.com/agile/tutorials/burndown-charts"](https://www.atlassian.com/agile/tutorials/burndown-charts) HYPERLINK

["https://www.atlassian.com/agile/tutorials/burndown-charts"](https://www.atlassian.com/agile/tutorials/burndown-charts) HYPERLINK

["https://www.atlassian.com/agile/tutorials/burndown-charts"](https://www.atlassian.com/agile/tutorials/burndown-charts)chart HYPERLINK

["https://www.atlassian.com/agile/tutorials/burndown-charts"](https://www.atlassian.com/agile/tutorials/burndown-charts) HYPERLINK

["https://www.atlassian.com/agile/tutorials/burndown-charts"](https://www.atlassian.com/agile/tutorials/burndown-charts) HYPERLINK

["https://www.atlassian.com/agile/tutorials/burndown-charts"](https://www.atlassian.com/agile/tutorials/burndown-charts)s