Project Design Phase-II
Data Flow Diagram & User Stories

Date	16 November 2023
Team ID	Team-591796
Project Name	AI Enable car parking using OpenCV
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	Login	USN-1	As a user, I want to log into the AI-enabled car parking system securely using reliable authentication mechanisms to prevent unauthorized access.	3	High	SRIKAL KAKULA
Sprint 1	Registration	USN-2	As a user, i want to register if i dont have the correct login credentials	3	High	SRIKAL KAKULA
Sprint 1	Registration	USN-3	As a user, there should not be any similar user names in the database to avoid confusion	3	High	SRIKAL KAKULA
Sprint 2	Home Dashboard	USN-4	As a user i want to access all the sample programs easily	2	Medium	SRIKAL KAKULA
Sprint 2	Home Dashboard	USN-5	As a user, i want to know the problem statement ,advantage and disadvantages of the project	2	Medium	SRIKAL KAKULA

Sprint 3	Home Dashboard	USN-6	As a user, i want more examples of the project	2	Low	SRIKAL KAKULA
Sprint 3	Home Dashboard	USN-7	As a user i want a safe and secure use of the platform without any errors	2	High	SRIKAL KAKULA
Sprint 1	Features	USN-8	As a user, i want my data to be safe and protected	2	High	SRIKAL KAKULA
Sprint 1	Features	USN-9	As a user, i want the user interface to be easy to use and faster to process	2	Medium	SRIKAL KAKULA
Sprint 1	Logout	USN-10	As a user, i need a option to logout the web application	2	Medium	SRIKAL KAKULA
Sprint 3	Features	USN-11	As a user i want the i option to choose the bounding boxes as per my requirement	2	High	SRIKAL KAKULA
Sprint 2	Features	USN-12	As a user, i want to view the original file of the predicted file	2	Medium	SRIKAL KAKULA
Sprint 2	Features	USN-13	As a user i want to run the individual files of the opencv code	4	High	SRIKAL KAKULA
Sprint 3	Features	USN-14	As a user i want to undo the bounding boxes with are wrongly allocated	2	High	SRIKAL KAKULA
Sprint 3	Features	ADM-1	As a admin, i should protect the data of user and provide the fast and resilient code to predict the empty spaces	2	High	SRIKAL KAKULA

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	15	5 Days	12 Nov 2023	16 Nov 2023	15	17 Nov 2023
Sprint-2	10	4 Days	13 Nov 2023	16 Nov 2023	10	17 Nov 2023
Sprint-3	10	4 Days	15 Nov 2023	18 Nov 2023	10	17 Nov 2023

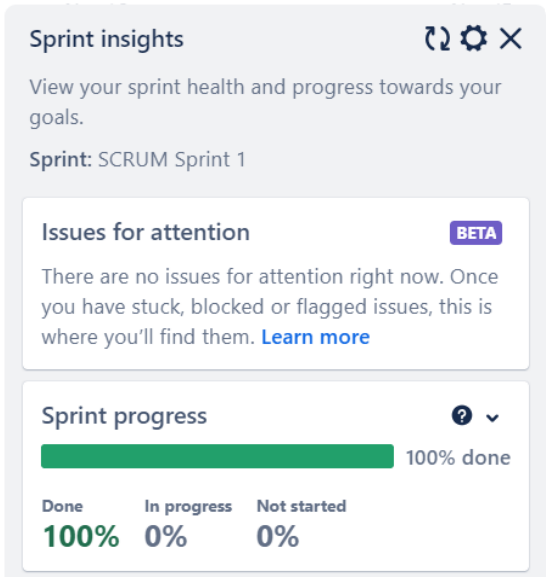
$$AV = \frac{sprint\ duration}{velocity}$$

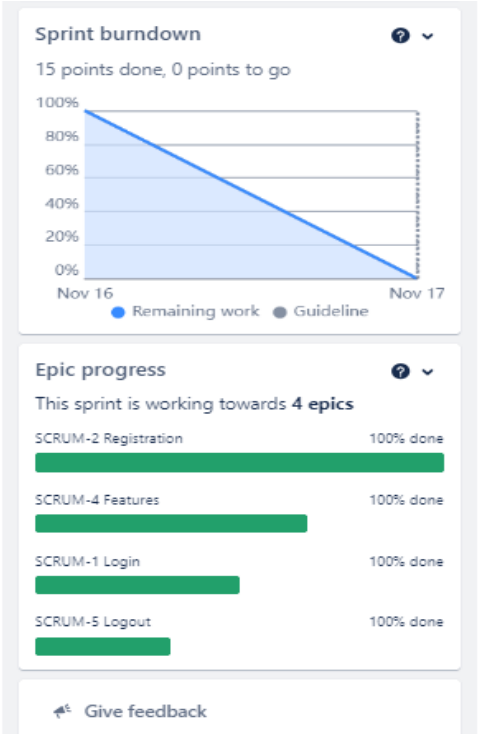
Velocity:

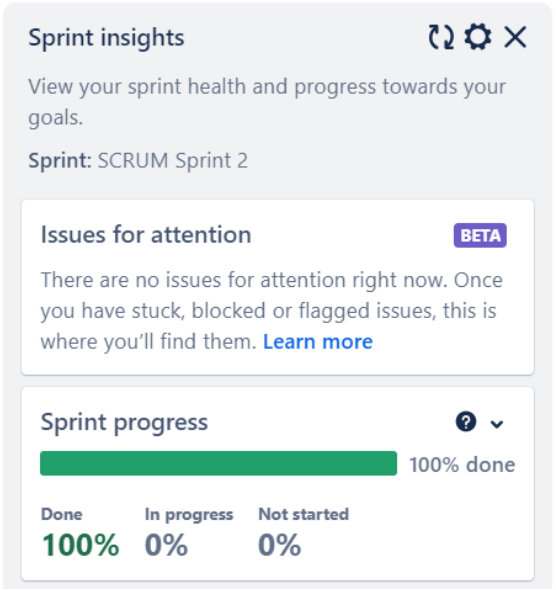
AV = 15+10+10 / 5+4+4 = 35/13 = 2.69

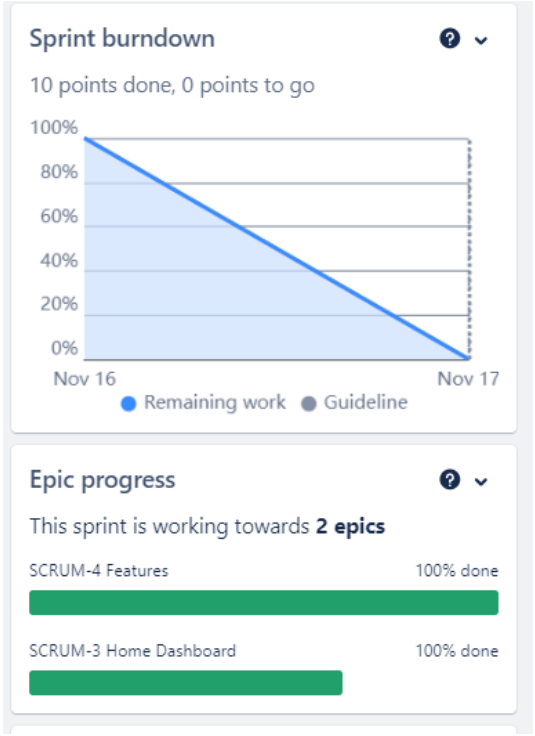
Burndown Chart:

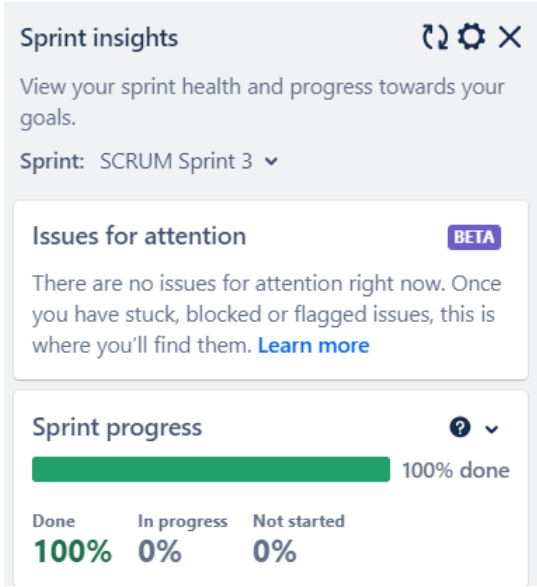
A burndown chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

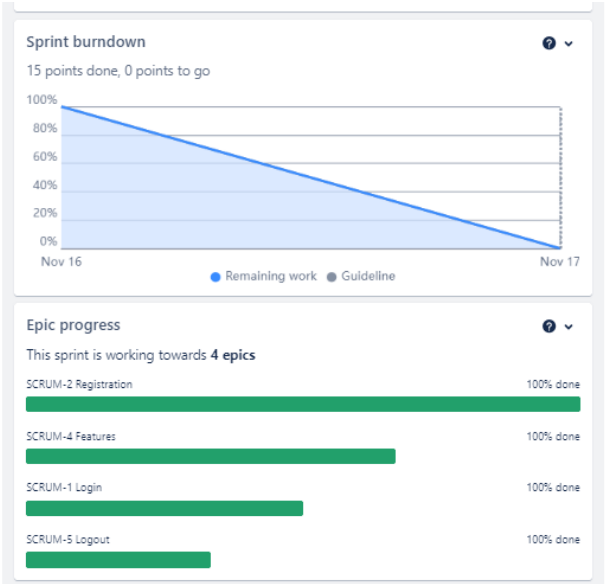

Sprint insights
View your sprint health and progress towards your goals.
Sprint: SCRUM Sprint 1
Issues for attention
BETA
There are no issues for attention right now. Once you have stuck, blocked or flagged issues, this is where you'll find them. Learn more
Sprint progress
100% done
Done
100%
In progress
0%
Not started
0%

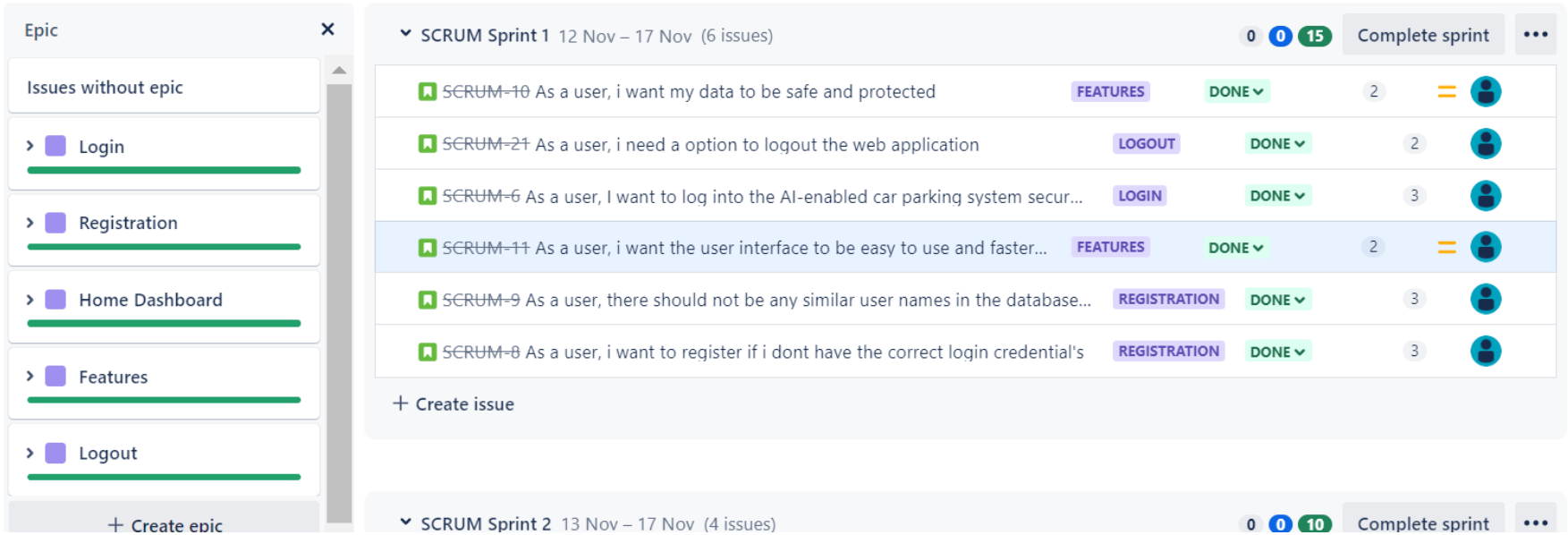

Sprint burndown
15 points done, 0 points to go
100%
80%
60%
40%
20%
0%
Nov 16
Nov 17
Remaining work
Guideline
Epic progress
This sprint is working towards 4 epics
SCRUM-2 Registration
100% done
SCRUM-4 Features
100% done
SCRUM-1 Login
100% done
SCRUM-5 Logout
100% done
Give feedback

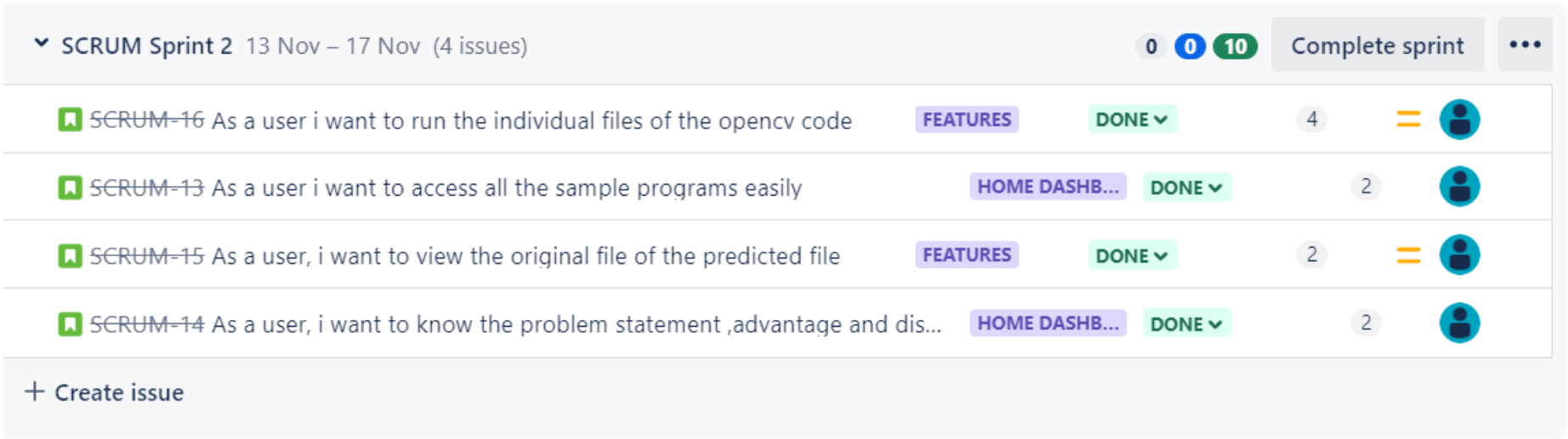

Sprint insights
View your sprint health and progress towards your goals.
Sprint: SCRUM Sprint 2
Issues for attention
BETA
There are no issues for attention right now. Once you have stuck, blocked or flagged issues, this is where you'll find them. Learn more
Sprint progress
100% done
Done
100%
In progress
0%
Not started
0%

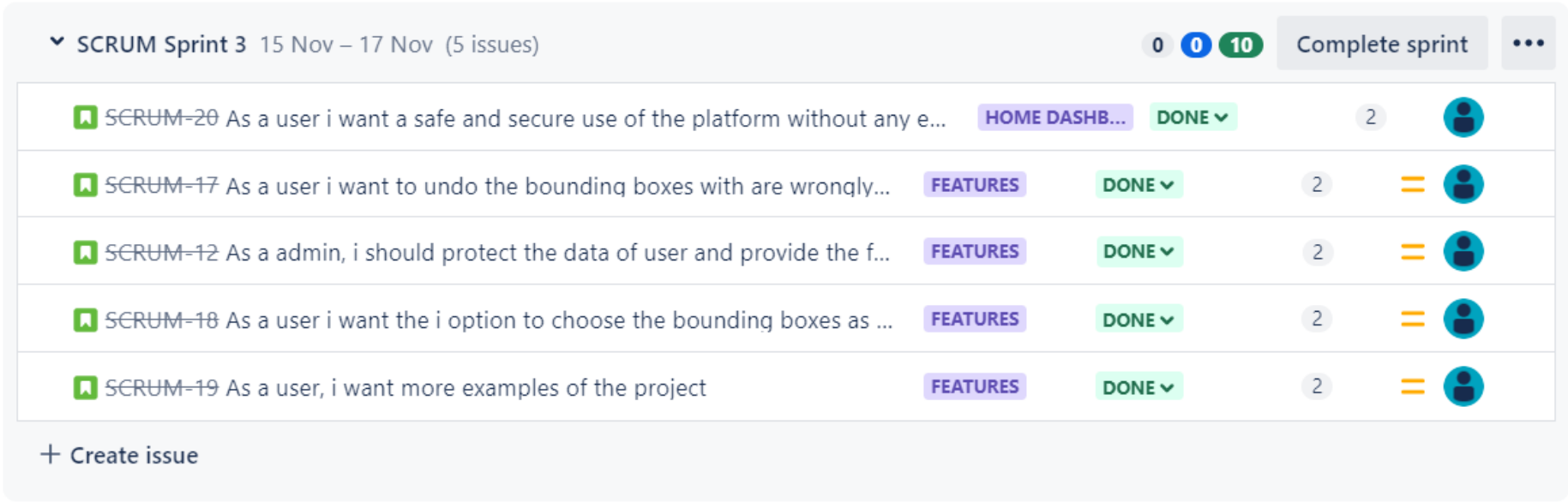

Sprint burndown
10 points done, 0 points to go
100%
80%
60%
40%
20%
0%
Nov 16
Nov 17
Remaining work
Guideline
Epic progress
This sprint is working towards 2 epics
SCRUM-4 Features
100% done
SCRUM-3 Home Dashboard
100% done

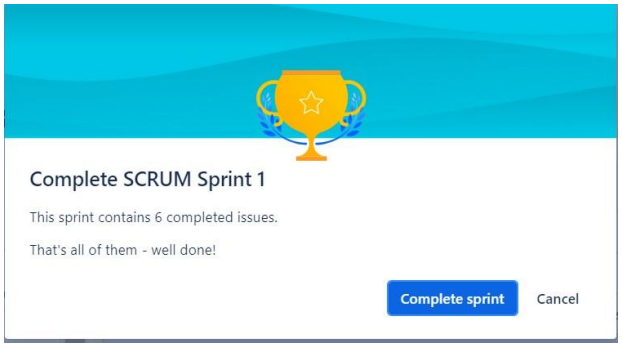

Sprint insights
View your sprint health and progress towards your goals.
Sprint: SCRUM Sprint 3
Issues for attention
BETA
There are no issues for attention right now. Once you have stuck, blocked or flagged issues, this is where you'll find them. Learn more
Sprint progress
100% done
Done
100%
In progress
0%
Not started
0%


Sprint burndown
15 points done, 0 points to go
100%
80%
60%
40%
20%
0%
Nov 16
Nov 17
Remaining work
Guideline
Epic progress
This sprint is working towards 4 epics
SCRUM-2 Registration
100% done
SCRUM-4 Features
100% done
SCRUM-1 Login
100% done
SCRUM-5 Logout
100% done

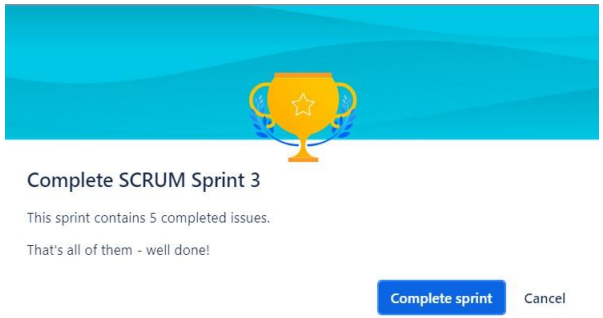

Epic
Issues without epic
Login
Registration
Home Dashboard
Features
Logout
Create epic
SCRUM Sprint 1 12 Nov – 17 Nov (6 issues)
0 0 15
Complete sprint
SCRUM-10 As a user, i want my data to be safe and protected FEATURES DONE 2
SCRUM-21 As a user, i need a option to logout the web application LOGOUT DONE 2
SCRUM-6 As a user, I want to log into the AI-enabled car parking system secur... LOGIN DONE 3
SCRUM-11 As a user, i want the user interface to be easy to use and faster... FEATURES DONE 2
SCRUM-9 As a user, there should not be any similar user names in the database... REGISTRATION DONE 3
SCRUM-8 As a user, i want to register if i dont have the correct login credential's REGISTRATION DONE 3
Create issue
SCRUM Sprint 2 13 Nov – 17 Nov (4 issues)
0 0 10
Complete sprint

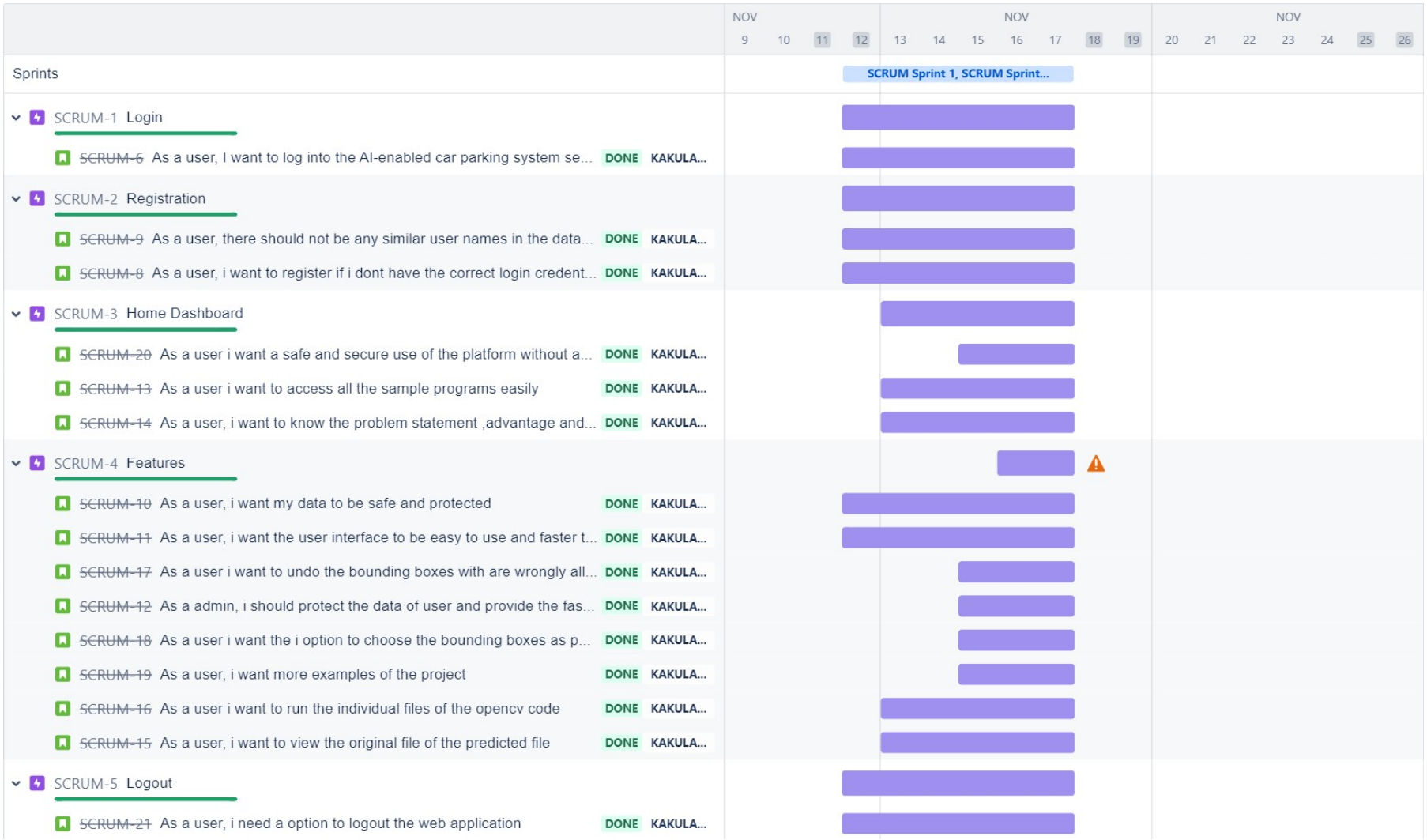

SCRUM Sprint 2 13 Nov – 17 Nov (4 issues)
0 0 10
Complete sprint
SCRUM-16 As a user i want to run the individual files of the opencv code FEATURES DONE 4
SCRUM-13 As a user i want to access all the sample programs easily HOME DASHB... DONE 2
SCRUM-15 As a user, i want to view the original file of the predicted file FEATURES DONE 2
SCRUM-14 As a user, i want to know the problem statement ,advantage and dis... HOME DASHB... DONE 2
Create issue


SCRUM Sprint 3 15 Nov – 17 Nov (5 issues)
0 0 10
Complete sprint
SCRUM-20 As a user i want a safe and secure use of the platform without any e...
HOME DASHB...
DONE
2
SCRUM-17 As a user i want to undo the bounding boxes with are wrongly...
FEATURES
DONE
2
SCRUM-12 As a admin, i should protect the data of user and provide the f...
FEATURES
DONE
2
SCRUM-18 As a user i want the i option to choose the bounding boxes as ...
FEATURES
DONE
2
SCRUM-19 As a user, i want more examples of the project
FEATURES
DONE
2
Create issue


Complete SCRUM Sprint 1
This sprint contains 6 completed issues.
That's all of them - well done!
Complete sprint
Cancel

Complete SCRUM Sprint 2
This sprint contains 4 completed issues.
That's all of them - well done!
Complete sprint
Cancel


Complete SCRUM Sprint 3
This sprint contains 5 completed issues.
That's all of them - well done!
Complete sprint
Cancel


NOV
9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26
Sprints
SCRUM Sprint 1, SCRUM Sprint...
SCRUM-1 Login
SCRUM-6 As a user, I want to log into the AI-enabled car parking system se... DONE KAKULA...
SCRUM-2 Registration
SCRUM-9 As a user, there should not be any similar user names in the data... DONE KAKULA...
SCRUM-8 As a user, i want to register if i dont have the correct login credent... DONE KAKULA...
SCRUM-3 Home Dashboard
SCRUM-20 As a user i want a safe and secure use of the platform without a... DONE KAKULA...
SCRUM-13 As a user i want to access all the sample programs easily DONE KAKULA...
SCRUM-14 As a user, i want to know the problem statement ,advantage and... DONE KAKULA...
SCRUM-4 Features
SCRUM-10 As a user, i want my data to be safe and protected DONE KAKULA...
SCRUM-11 As a user, i want the user interface to be easy to use and faster t... DONE KAKULA...
SCRUM-17 As a user i want to undo the bounding boxes with are wrongly all... DONE KAKULA...
SCRUM-12 As a admin, i should protect the data of user and provide the fas... DONE KAKULA...
SCRUM-18 As a user i want the i option to choose the bounding boxes as p... DONE KAKULA...
SCRUM-19 As a user, i want more examples of the project DONE KAKULA...
SCRUM-16 As a user i want to run the individual files of the opencv code DONE KAKULA...
SCRUM-15 As a user, i want to view the original file of the predicted file DONE KAKULA...
SCRUM-5 Logout
SCRUM-21 As a user, i need a option to logout the web application DONE KAKULA...