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

Date	24 October 2023
Team ID	Team-591167
Project Name	International Debt Statistics
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection	USN-1	As a user, I can collect data from external sources	2	High	Project Team
Sprint-1	Data Cleaning	USN-2	As a user, I can clean and preprocess collected data	3	High	Project Team
Sprint-2	Data Visualization	USN-3	As a user, I can create visualizations from cleaned data	5	Medium	Project Team
Sprint-2	Dashboard Design	USN-4	As a user, I can design a responsive dashboard	3	High	Project Team
Sprint-3	Web Integration	USN-5	As a user, I can integrate the dashboard with a web interface	4	High	Project Team

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	5	10 Days	10 Oct 2022	19 Oct 2023	5	19 Oct 2023
Sprint-2	8	10 Days	24 Oct 2022	02 Nov 2023	-	-
Sprint-3	7	10 Days	07 Nov 2022	16 Nov 2023	-	-

Velocity:

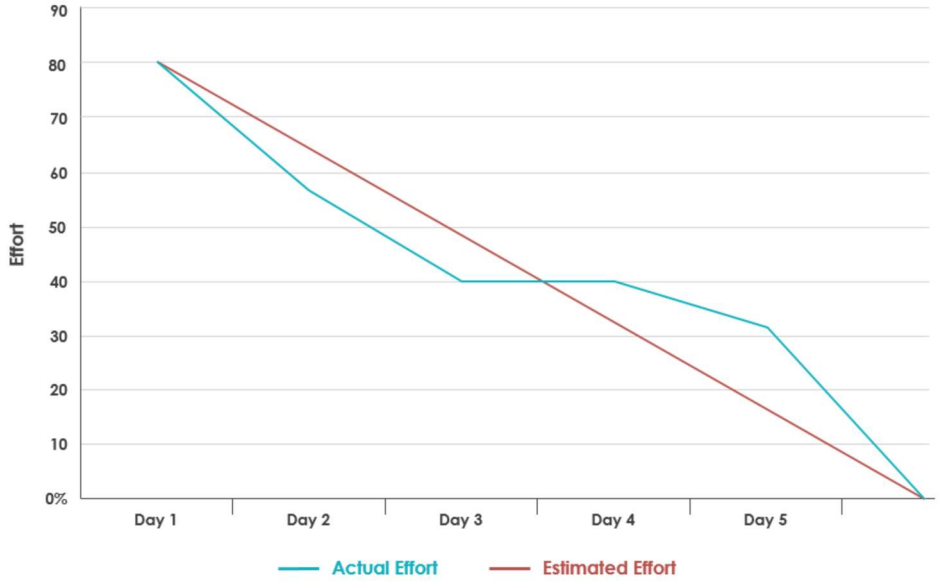
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

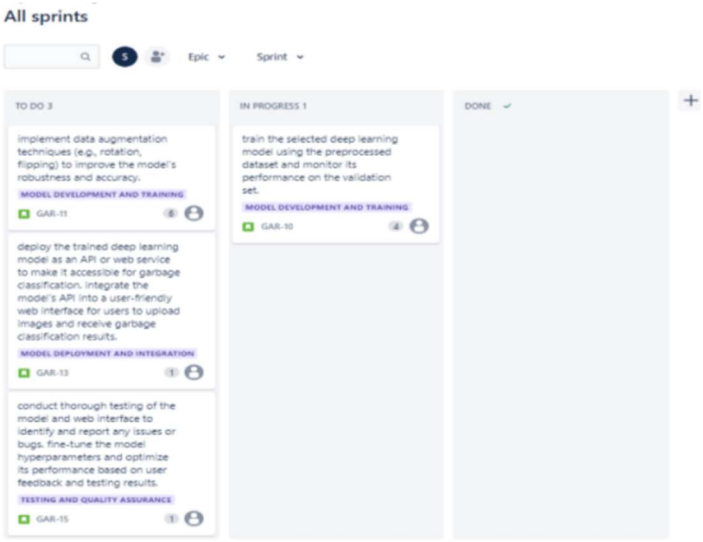
$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

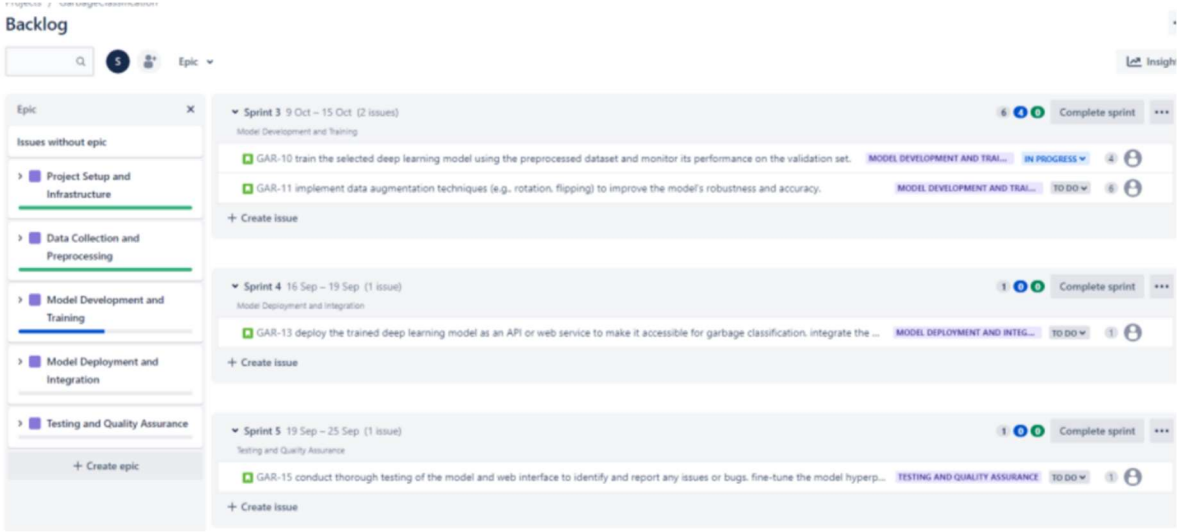
AV= 29/20 = 1.45

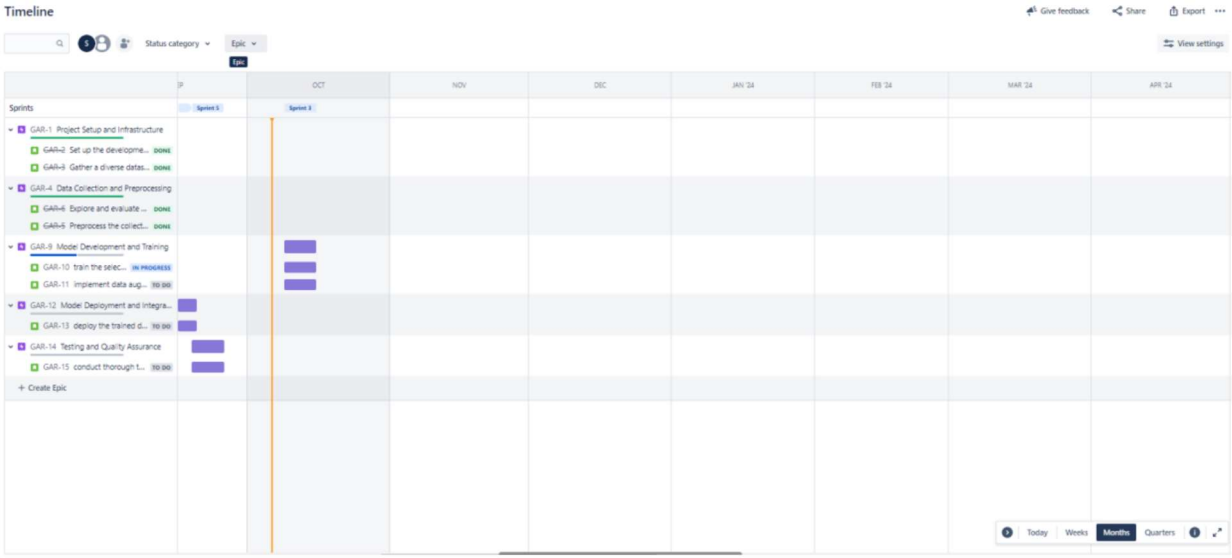
Burndown Chart:

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




All sprints
Epic
Sprint
TO DO 3
IN PROGRESS 1
DONE
implement data augmentation techniques (e.g., rotation, flipping) to improve the model's robustness and accuracy.
MODEL DEVELOPMENT AND TRAINING
GAR-11
train the selected deep learning model using the preprocessed dataset and monitor its performance on the validation set.
MODEL DEVELOPMENT AND TRAINING
GAR-10
deploy the trained deep learning model as an API or web service to make it accessible for garbage classification. integrate the model's API into a user-friendly web interface for users to upload images and receive garbage classification results.
MODEL DEPLOYMENT AND INTEGRATION
GAR-13
conduct thorough testing of the model and web interface to identify and report any issues or bugs. fine-tune the model hyperparameters and optimize its performance based on user feedback and testing results.
TESTING AND QUALITY ASSURANCE
GAR-15


Backlog
Epic
Insight
Issues without epic
Project Setup and Infrastructure
Data Collection and Preprocessing
Model Development and Training
Model Deployment and Integration
Testing and Quality Assurance
Create epic
Sprint 3 9 Oct – 15 Oct (2 issues)
Model Development and Training
Complete sprint
GAR-10 train the selected deep learning model using the preprocessed dataset and monitor its performance on the validation set.
GAR-11 implement data augmentation techniques (e.g., rotation, flipping) to improve the model's robustness and accuracy.
Create issue
Sprint 4 16 Sep – 19 Sep (1 issue)
Model Deployment and Integration
GAR-13 deploy the trained deep learning model as an API or web service to make it accessible for garbage classification. integrate the ...
Sprint 5 19 Sep – 25 Sep (1 issue)
Testing and Quality Assurance
GAR-15 conduct thorough testing of the model and web interface to identify and report any issues or bugs. fine-tune the model hyperp...


Timeline
Give feedback
Share
Export
Status category
Epic
View settings
SEP
OCT
NOV
DEC
JAN '24
FEB '24
MAR '24
APR '24
Sprints
Sprint 5
Sprint 3
GAR-1 Project Setup and Infrastructure
GAR-4 Data Collection and Preprocessing
GAR-9 Model Development and Training
GAR-12 Model Deployment and Integra...
GAR-14 Testing and Quality Assurance
Create Epic
Today
Weeks
Months
Quarters

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

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

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

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