Project Planning Phase

Date	27-10-2023
Team ID	Team-592545
Project Name	Garment Worker Productivity Prediction
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Project setup & Infrastructure	USN-1	Set up the development environment with the required tools and frameworks to start the garment worker productivity prediction using machine learning project.	10	Medium	Kashish
Sprint-2	development environment	USN-2	Gather a diverse dataset for training the model.	10	Medium	Shreya
Sprint-3	Data collection	USN-3	Preprocess the collected dataset by splitting it into training and validation sets.	1	High	Shivani
Sprint-3	data preprocessing	USN-4	Explore and evaluate different architectures to select the most suitable model for garment worker productivity prediction.	1	High	Kashish
Sprint-3	model development	USN-5	Train the selected model using the preprocessed dataset and monitor its performance on the validation set.	1	High	Rohan
Sprint-3	Training	USN-6	Implement data augmentation techniques to improve the model's robustness and accuracy.	2	High	Shreya
Sprint-4	model deployment & Integration	USN-7	Deploy the trained model as an API or web service to make it accessible for garment worker productivity prediction. integrate the model's API into a user-friendly web interface for prediction of garment worker productivity.	15	medium	Shivani
Sprint-5	Testing & quality assurance	USN-8	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.	15	medium	Rohan

Project Tracker, Velocity & Burndown Chart

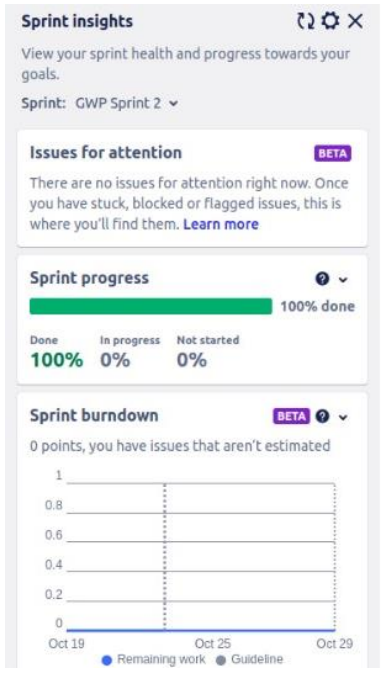
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Sprint Release Date (Actual)
Sprint-1	10	4 Days	15 Oct 2023	18 Oct 2023	15 Oct 2023
Sprint-2	10	5 Days	19 Oct 2023	23 Oct 2023	19 Oct 2023
Sprint-3	5	4 Days	24 Oct 2023	27 Oct 2023	26 Oct 2023
Sprint-4	15	10 Days	28 Oct 2023	06 Nov 2023	28 Oct 2023
Sprint-5	15	4 Days	06 Nov 2023	09 Sep 2023	06 Nov 2023

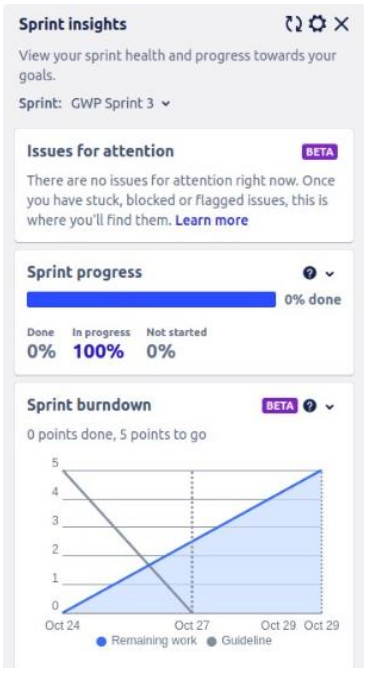
Velocity:

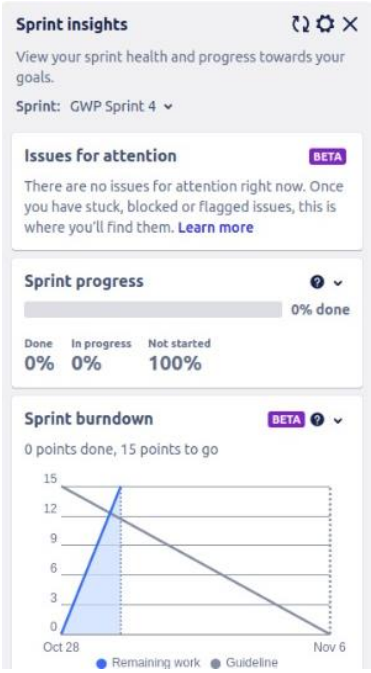
AV = sprint duration / velocity

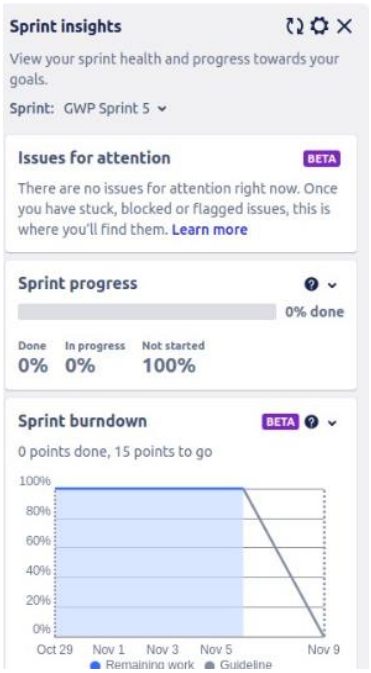
AV = 25/11 = 2.27

Burndown Chart:

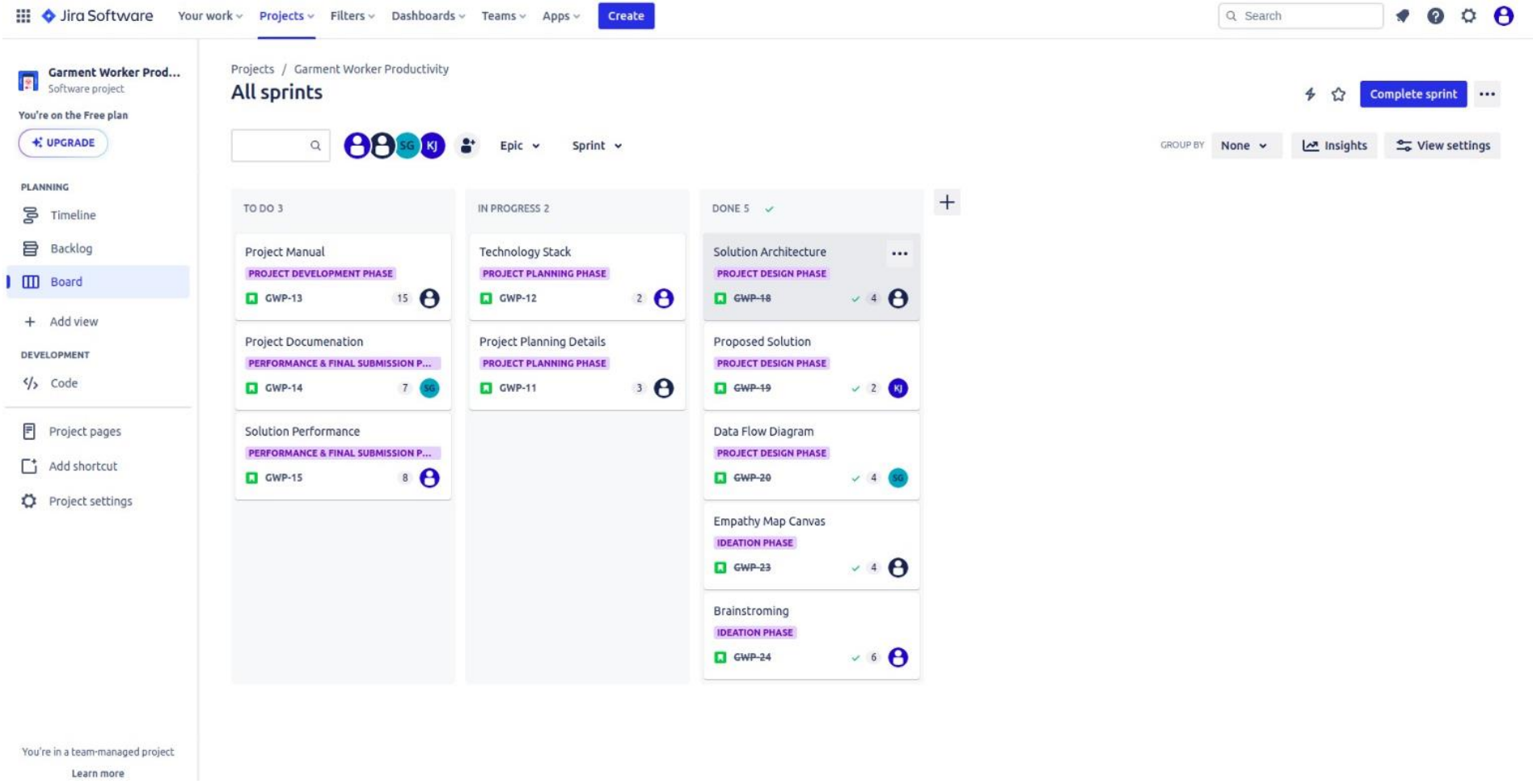




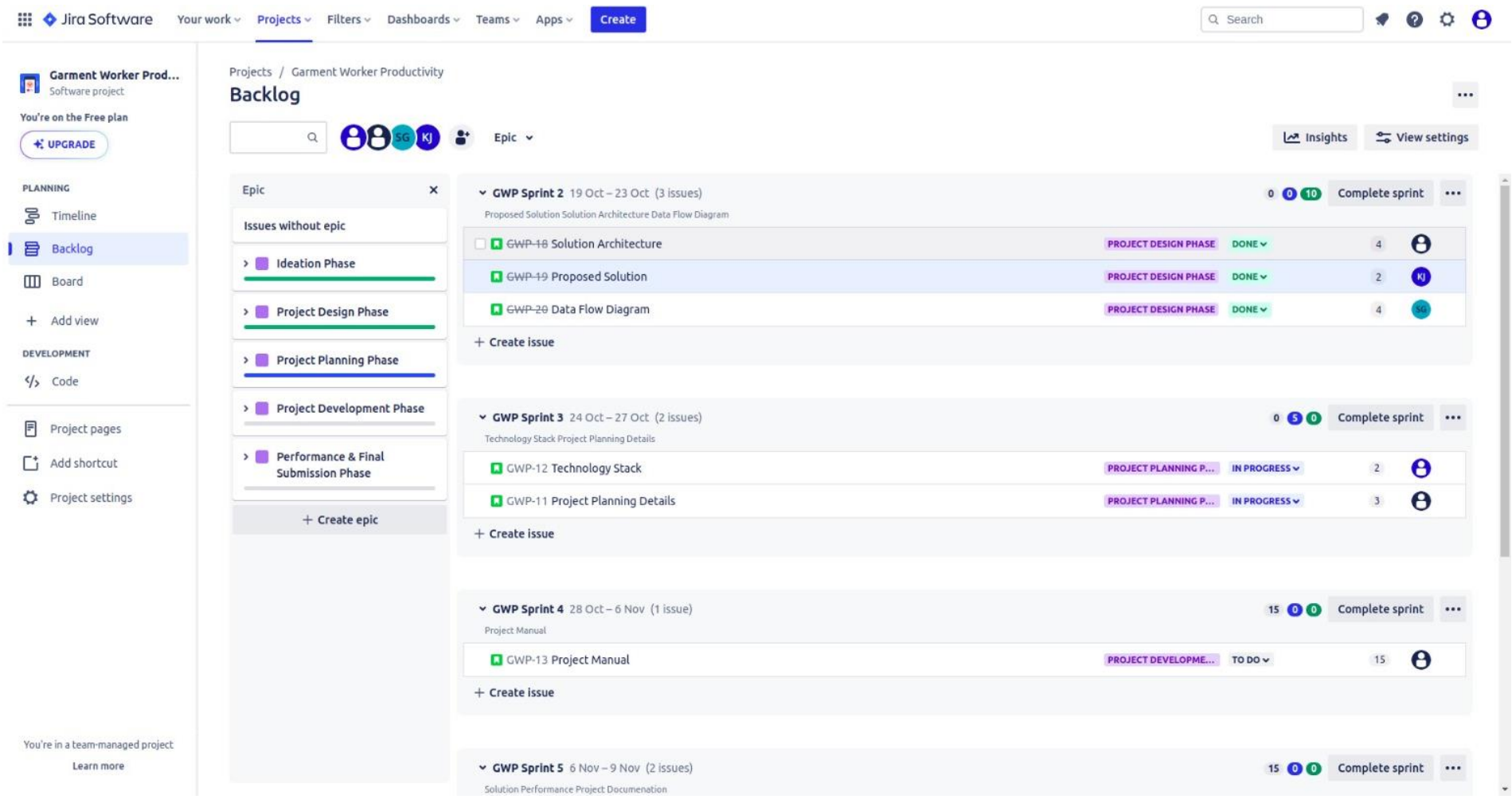


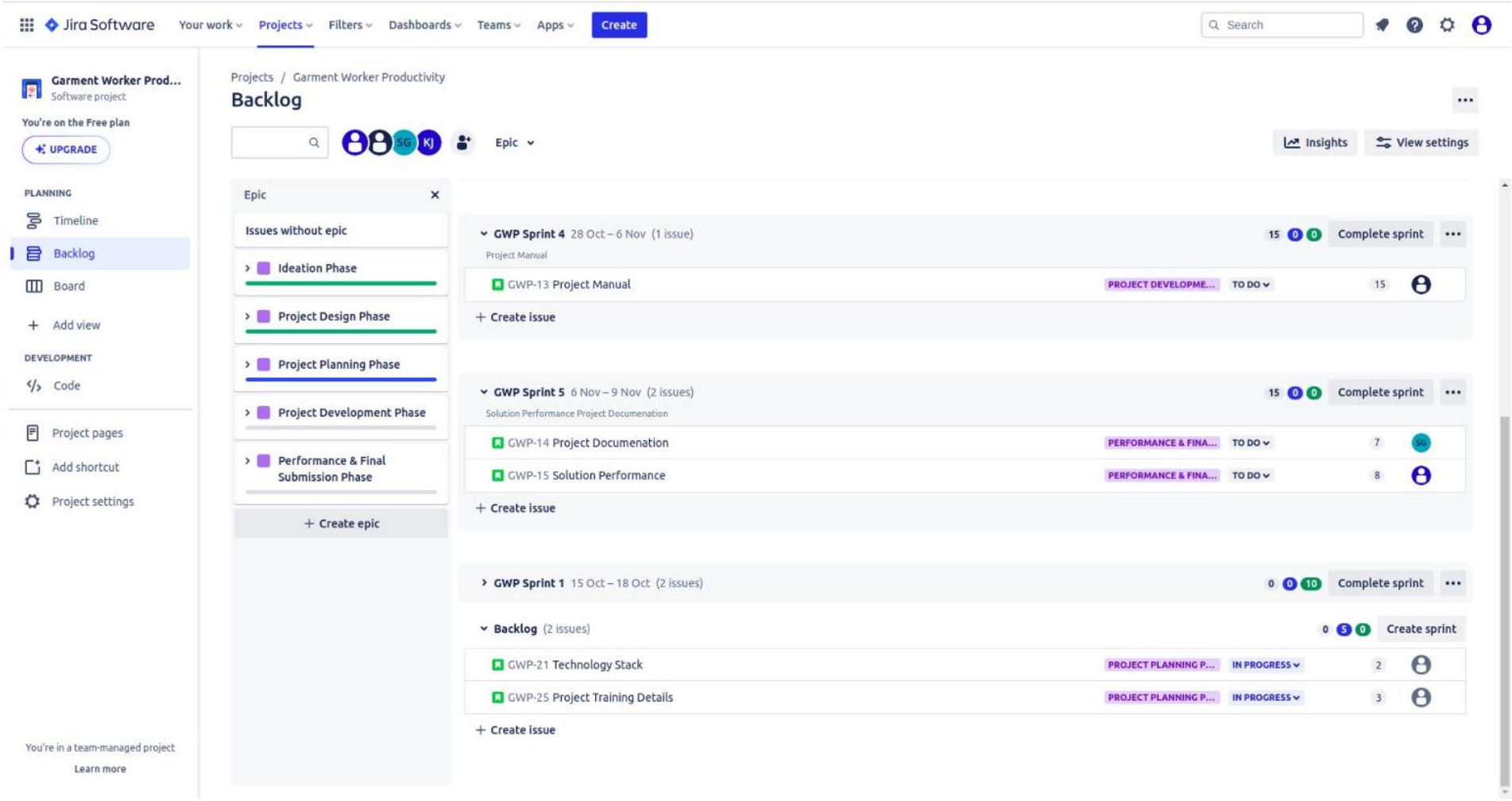


Board section



Backlog section

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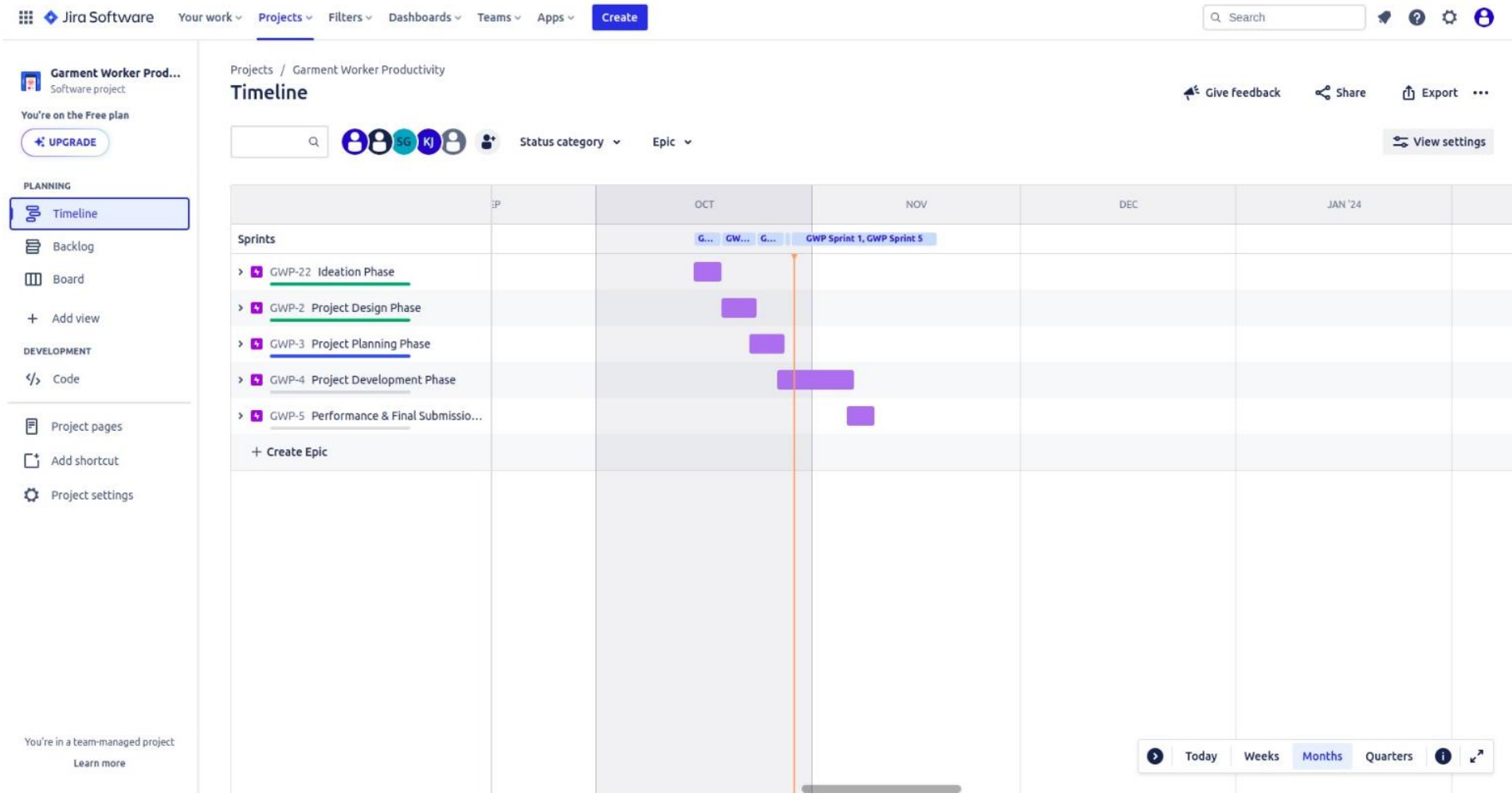
Ideation Phase
Project Design Phase
Project Planning Phase
Project Development Phase
Performance & Final Submission Phase
Create epic
GWP Sprint 4 28 Oct – 6 Nov (1 issue)
Project Manual
Complete sprint
GWP-13 Project Manual
PROJECT DEVELOPME...
TO DO
Create issue
GWP Sprint 5 6 Nov – 9 Nov (2 issues)
Solution Performance Project Documenation
GWP-14 Project Documenation
GWP-15 Solution Performance
PERFORMANCE & FINA...
GWP Sprint 1 15 Oct – 18 Oct (2 issues)
Backlog (2 issues)
Create sprint
GWP-21 Technology Stack
GWP-25 Project Training Details
PROJECT PLANNING P...
IN PROGRESS

Timeline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Epic
View settings
OCT
NOV
DEC
JAN '24
Sprints
GWP Sprint 1, GWP Sprint 5
GWP-22 Ideation Phase
GWP-2 Project Design Phase
GWP-3 Project Planning Phase
GWP-4 Project Development Phase
GWP-5 Performance & Final Submissio...
Create Epic
Today
Weeks
Months
Quarters