Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID11458
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dash Board
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	Dataset Analysis	USN-1	Download the heart disease dataset and analyze it.	1	High	Sanjay
Sprint-1	Dataset preprocessing	USN-2	Examine the dataset and perform preprocessing steps	1	Medium	Santhosh Kumar
Sprint-2	Model Creation and Training	USN-3	Create a model from the training data	2	Low	Sabari Srinivasan
Sprint-2	Registration	USN-4	As a user, I can register for the application.	2	Low	Vishwash
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Santhosh Kumar
Sprint-3	Dashboard	USN-6	As a user, once I log in, I can view the Heart Disease Prediction page	1	High	Sanjay
Sprint-3	Predictor	USN-7	As a user, I can specify all the values for prediction and get accurate results	1	High	Sabari Srinivasan
Sprint-3	Base Flask App	USN-8	Integrate Flask and the built model	2	High	Vishwash
Sprint-4	Integration	USN-9	Integrate the app on IBM cloud	2	High	Sanjay

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Help page	USN-10	As a user, I can get directions on how to use the predictor to gain valuable insights	1	Medium	Sabari Srinivasan
Sprint-4	Contact page	USN-11	As a user, I can get my queries clarified by the admin	1	Medium	Santhosh Kumar
Sprint-4	Visualization	USN-12	As a user, I can visualize the data using various plots	2	Medium	Vishwash

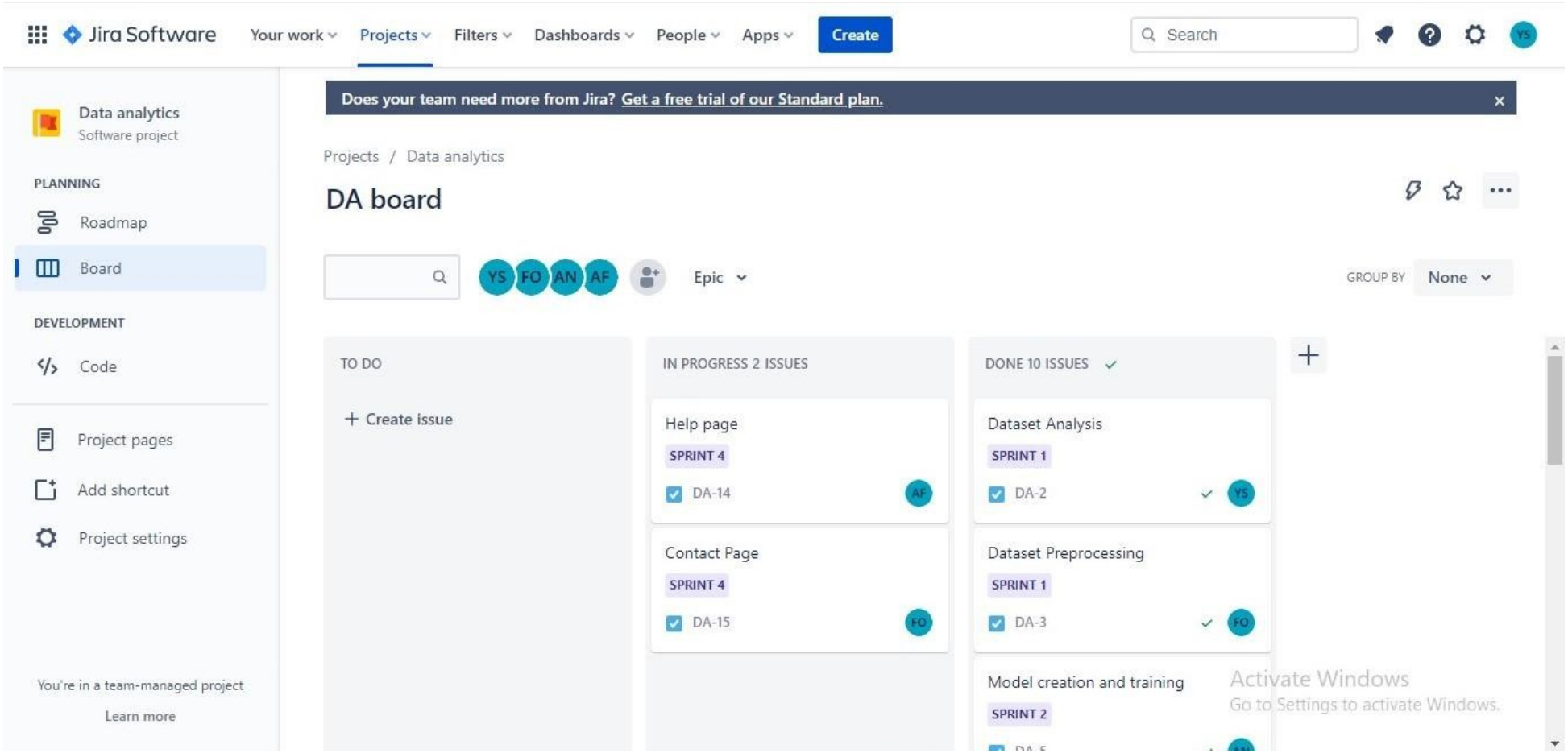
Project Tracker, Velocity & Burndown Chart: (4 Marks)

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	20	05Nov2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12Nov2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19Nov2022

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)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$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SPRINT 4
DA-14
Contact Page
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DONE 10 ISSUES
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SPRINT 1
DA-2
Dataset Preprocessing
SPRINT 1
DA-3
Model creation and training
SPRINT 2
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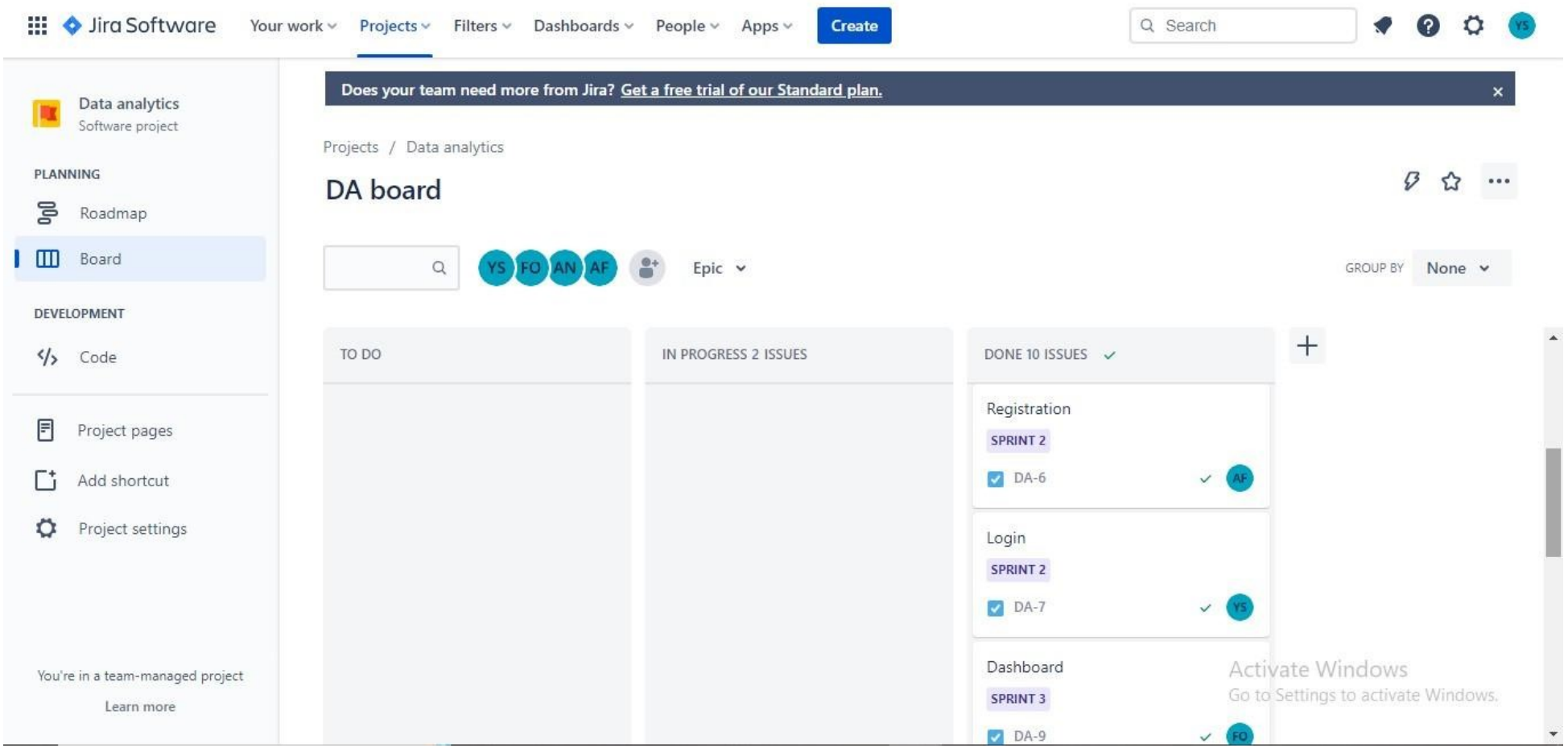
Go to Settings to activate Windows.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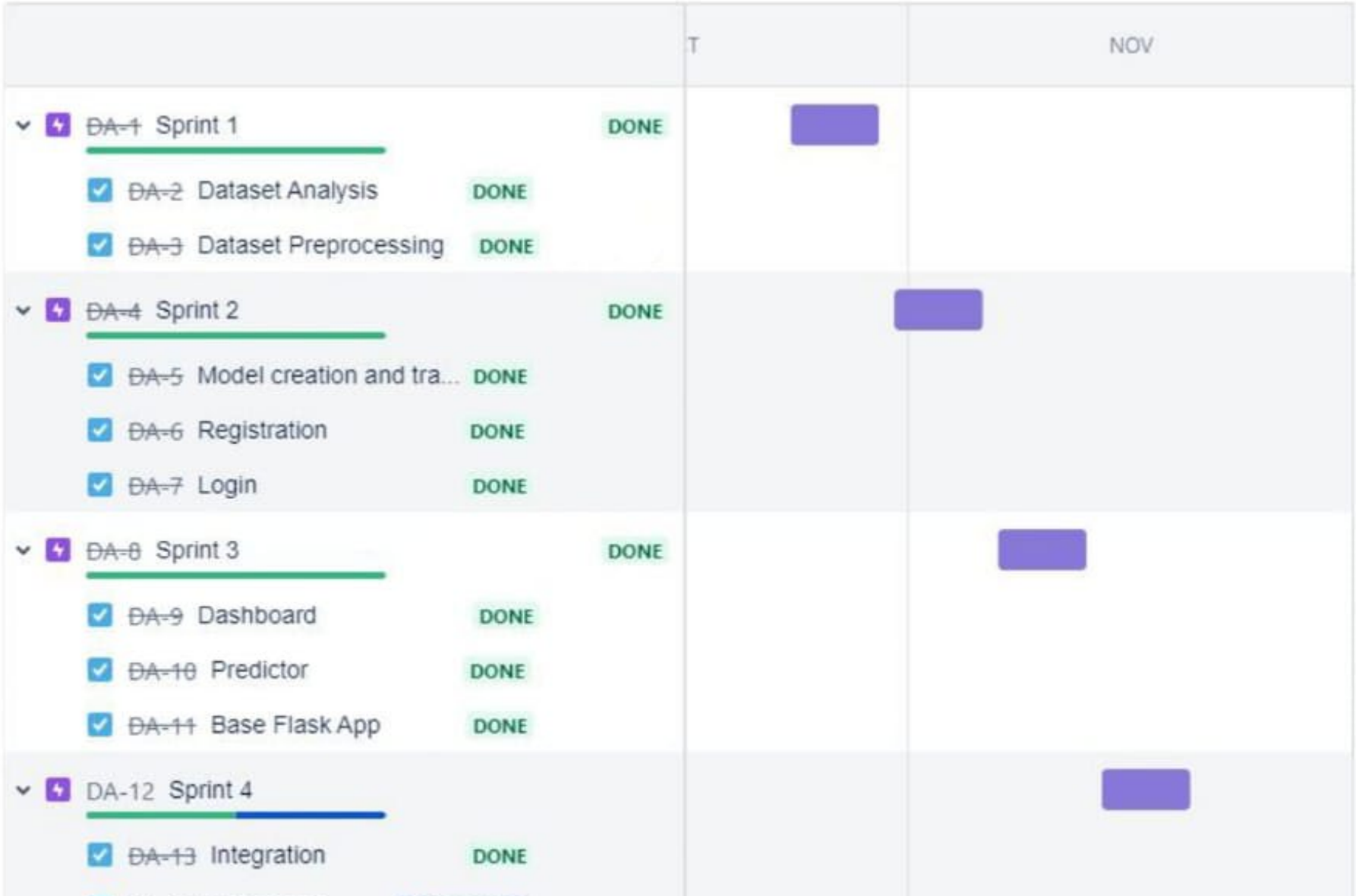
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DA-7 Login
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DA-8 Sprint 3
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DA-9 Dashboard
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DA-10 Predictor
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DA-11 Base Flask App
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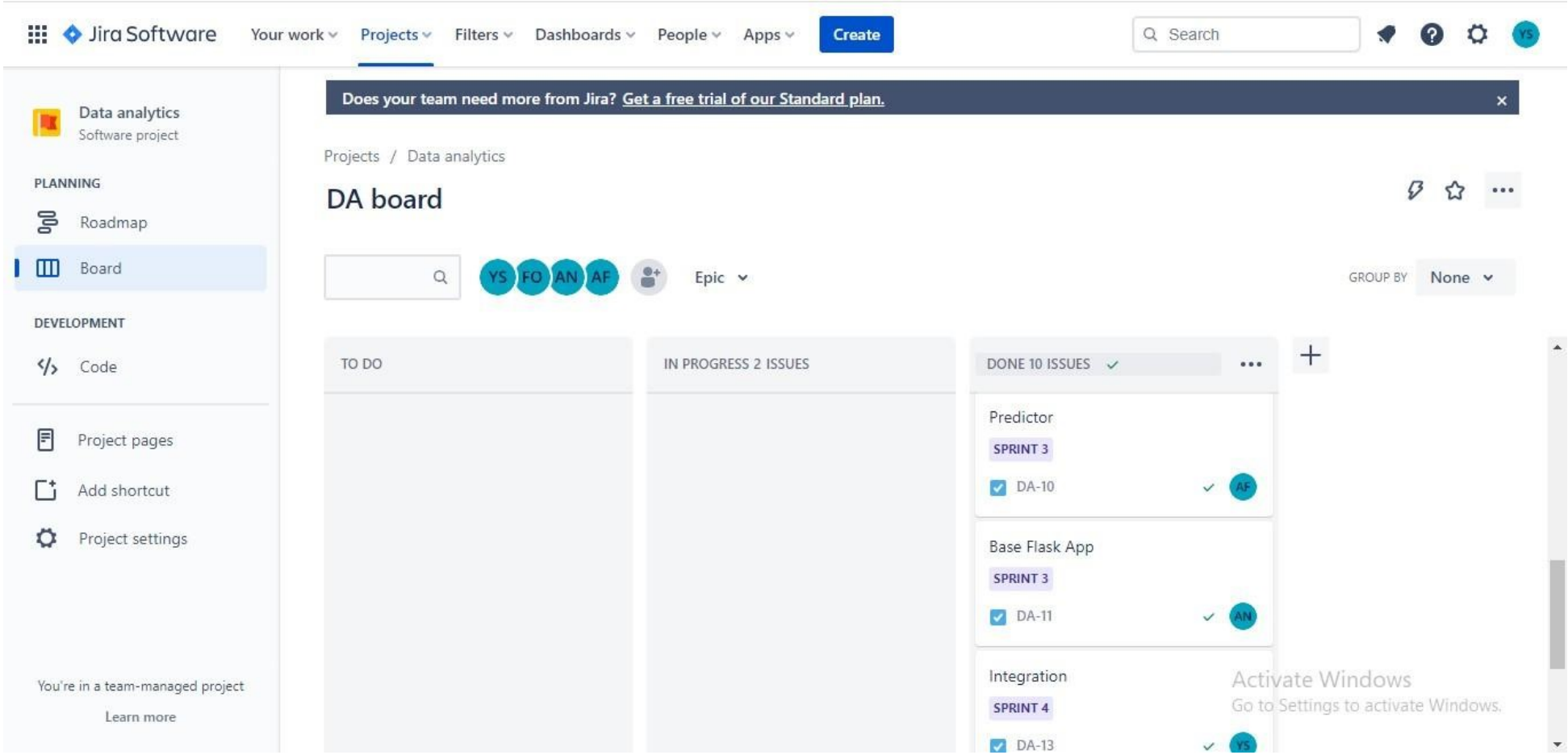
DA-12 Sprint 4
DA-13 Integration
DONE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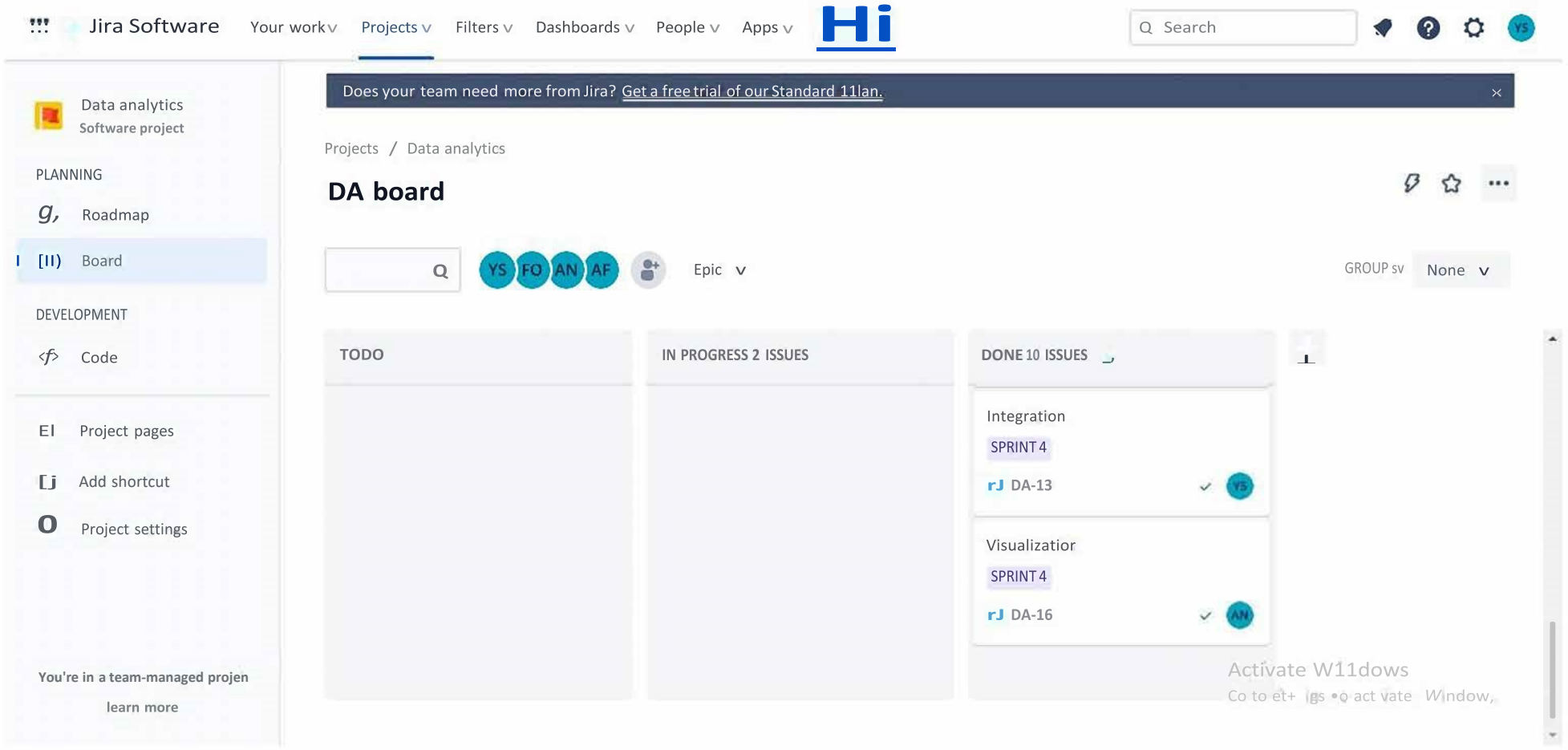
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