Project Planning Phase

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

Date	24 October 2022
Team ID	PNT2022TMID11425
Project Name	Virtual Eye - Life Guard for Swimming Pools to Detect Active Drowning
Maximum Marks	4 Marks

Sprint Delivery Plan

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	26 Oct 2022	31 Oct 2022	20	31 Oct 2022
Sprint-2	20	6 Days	01 Nov 2022	06 Nov 2022	20	06 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	13 Nov 2022	19 Nov 2022	20	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)
For Sprint-1 the Average Velocity (AV) is: AV = Sprint Duration / velocity = 20 / 6 = 3.3V

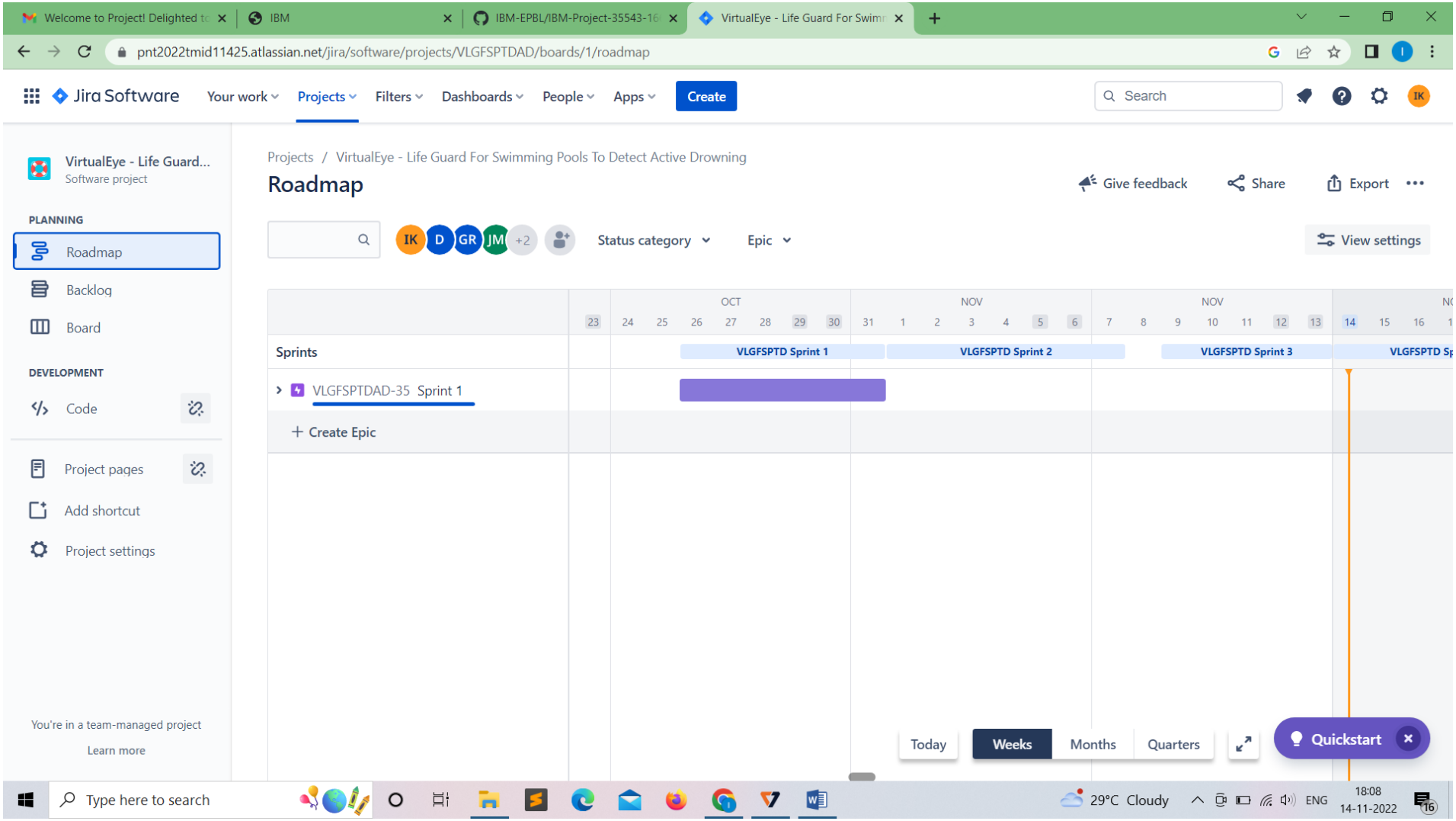
For Sprint-2 the Average Velocity (AV) is: AV = Sprint Duration / velocity = 20 / 6 = 3.3V

For Sprint-3 the Average Velocity (AV) is: AV = Sprint Duration / velocity = 20 / 6 = 3.3V

For Sprint-4 the Average Velocity (AV) is: AV = Sprint Duration / velocity = 20 / 6 = 3.3V

TOTAL TEAM AVERAGE VELOCITY = 3.3

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.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VirtualEye - Life Guard For Swimr
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