PROJECT PLANNING PHASE

(Product backlog, sprint planning , stories , stories point)

Date	**01-11-2022**
Team Id	**PNT2022TMID38667**
Project title	**Early detection of chronic kidney disease using machine learning**
Maximum mark	**8 marks**

PRODUCT BACKLOG, SPRINT DELIVERY, ESTIMATION (4MARKS):

Sprint	Functional requirement (Epic)	User story number	User story andtasks	Story point	priority	Team member
Sprint 1	Data collection	USN 1	Use dataset from Google and clean the dataset	**110**	High	Keerthana V
Sprint 1	Model	USN 2	Create, test and save the model	**10**	High	Keerthana V
Sprint2	Display	USN 3	Display user entry form to user	**6.7**	High	Tamilarasi S, Kanimozhi D
Sprint2	Enter data	USN 4	Receive data from user as numeric values	**6.7**	High	Tamilarasi S, Kanimozhi D
Sprint2	Enter data	USN 5	Receive data from user as selection from pull down menu	**6.7**	High	Tamilarasi S, Kanimozhi D
Sprint 3	Select	USN 6	As a user can select prediction	**10**	Medium	Bhavani G
Sprint 3	View data	USN 7	As a user can view final result	**10**	Medium	Bhavani G
Sprint 4	Application building for project	USN 8	Deploy into IBM cloud	**20**	High	Sahana R

Project tracker , velocity :

Sprint	Total story points	duration	Sprint start date	Sprint end date (planned)	Story point 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	05-nov-2022
Sprint 3	20	6 days	07-nov-2022	12-nov-2022	20	12-nov-2022
Sprint 4	20	6 days	14-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

AV= SPRINT DURATION /VELOCITY = 20/10 = 2

AV of CKD Project = 20/6 = 3.33

Burndown chart: