Project Planning Phase

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

Date	29 October 2022
Team ID	PNT2022TMID00221
Project Name	A GESTURE-BASED TOOL FOR STERILE BROWSING OF RADIOLOGY IMAGES
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	Webpage(application)	USN-1	Create web application using HTML ,CSS ,JS	10	High	Aarthi A Devadharshini M
Sprint-1	Data collection	USN-2	Download the dataset	10	High	Arthi D
Sprint-1		USN-3	Image preprocessing	10	High	Akshaya E L Devadharshini M
Sprint-1		USN-4	Import and configure the image data generator library and class	10	High	Aarthi A Arthi D

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1		USN-5	Apply image data generator functionality to Trainset and Testset	10	High	Aarthi A Akshaya E L
Sprint-2	Model building	USN-6	Building the model ,training and testing the model using DL ALGORITHM	10	High	Aarthi A Devadharshini M
Sprint-2		USN-7	Adding CNN layers and Dense layers	10	High	Akshaya E L Arthi D
Sprint-2		USN-8	Configure the learning process	10	Medium	Aarthi A
Sprint-3	Hand gestures	USN-9	Based on the pre-trained model, if it predicts 1 then the image is blurred	10	High	Akshaya E L
Sprint-3		USN-10	Based on the pre-trained model, if it predicts 2 then the image is resized	10	High	Arthi D
Sprint-3		USN-11	Based on the pre-trained model ,if it predicts 3 then the image is rotated	10	High	Devadharshini M
Sprint-4	Train and Test the model	USN-12	Train and Test the model and its overall performance	10	High	Aarthi A Akshaya E L Arthi D Devadharshini M

PROJECT TRACKER, VELOCITY & BURNDOWN CHART: (4 MARKS)

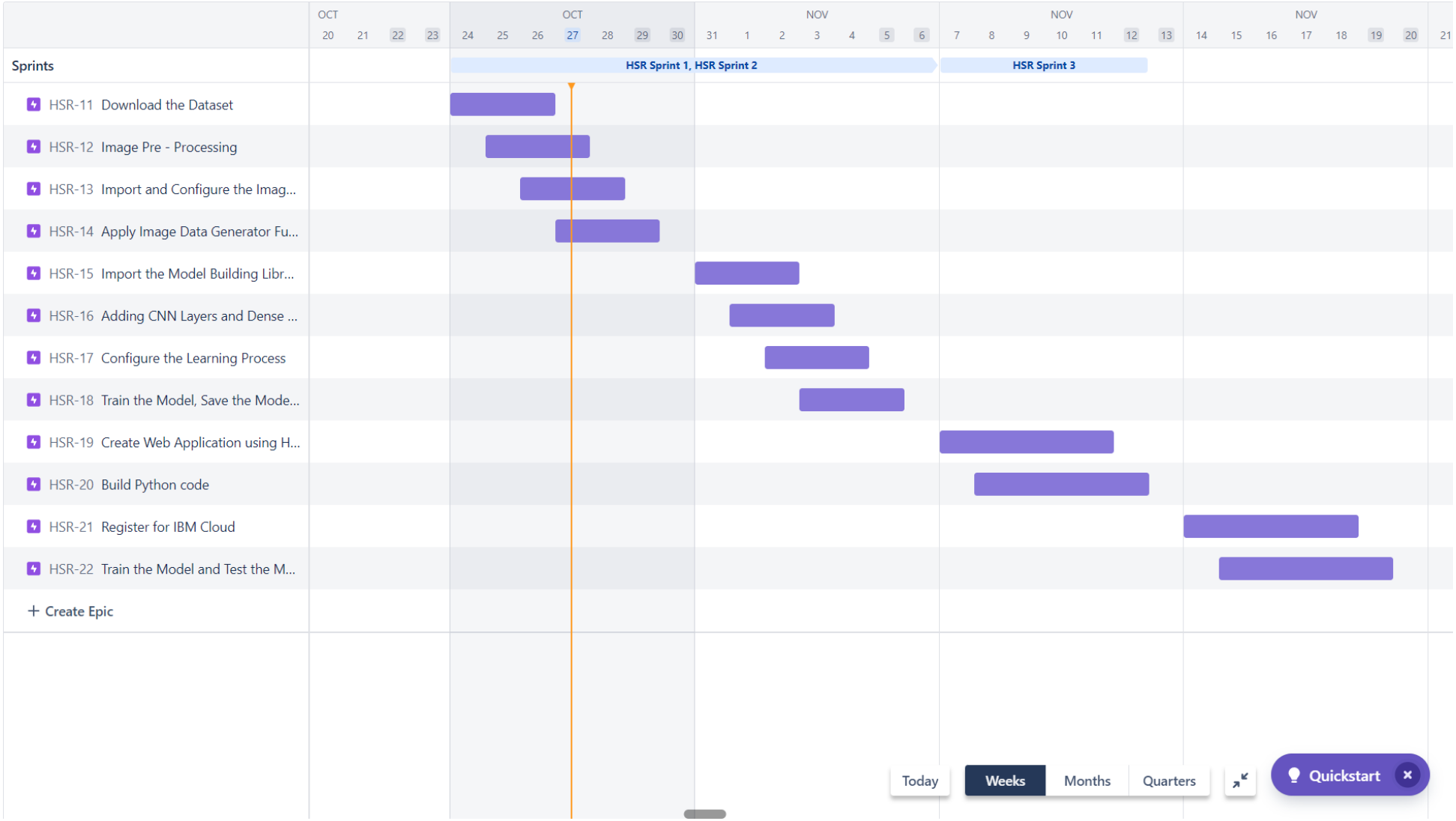
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	10	6 Days	24 Oct 2022	29 Oct 2022	10	29 Oct 2022
Sprint-2	10	6 Days	31 Oct 2022	05 Nov 2022	10	05 Nov 2022
Sprint-3	10	6 Days	07 Nov 2022	12 Nov 2022	10	12 Nov 2022
Sprint-4	10	6 Days	14 Nov 2022	19 Nov 2022	10	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)

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

ROAD MAP:


OCT
OCT
NOV
NOV
NOV
20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
Sprints
HSR Sprint 1, HSR Sprint 2
HSR Sprint 3
HSR-11 Download the Dataset
HSR-12 Image Pre - Processing
HSR-13 Import and Configure the Imag...
HSR-14 Apply Image Data Generator Fu...
HSR-15 Import the Model Building Libr...
HSR-16 Adding CNN Layers and Dense ...
HSR-17 Configure the Learning Process
HSR-18 Train the Model, Save the Mode...
HSR-19 Create Web Application using H...
HSR-20 Build Python code
HSR-21 Register for IBM Cloud
HSR-22 Train the Model and Test the M...
Create Epic
Today
Weeks
Months
Quarters
Quickstart