Project Planning Phase

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

Date	06 Nov 2022
Team ID	PNT2022TMID44952
Project Name	Project -Real Time Communication System Powered by AI for Specially Abled
Maximum Marks	8Marks

Product Backlog,Sprint Schedule,and Estimation (4Marks)

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	Data Collection	USN-1	Collect Data set.	9	High	UMA
Sprint-1	Image processing	USN-2	Image p reprocessing	8	Medium	RAKESH GOWTHAM
Sprint-2	Model Building	USN-3	Import the required libraries,add the necessary layers and compile the model	10	High	UMA RAKESH

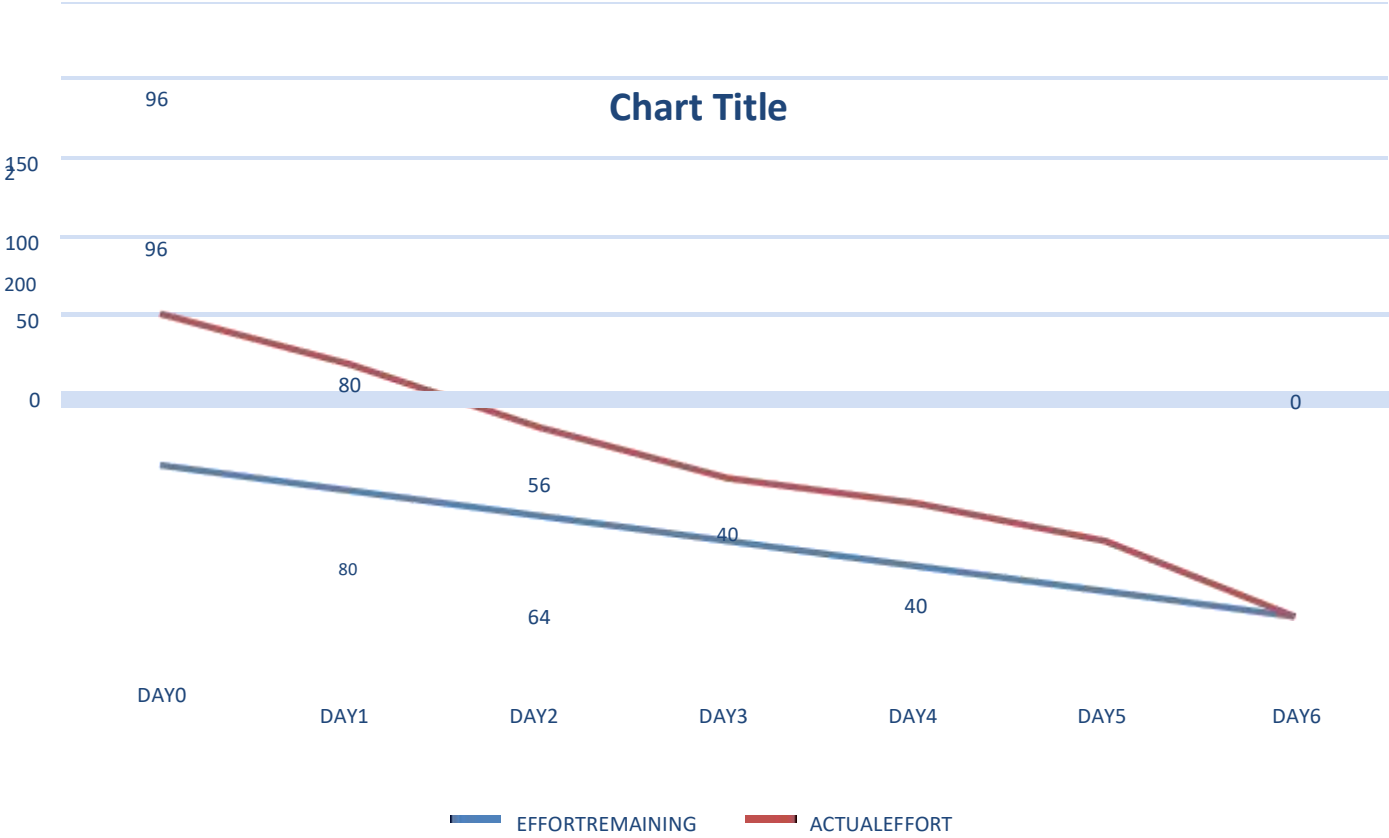|						GOWTHAM SNEKA
Sprint-2	CNNMODEL	USN-4	Training the image classification model using CNN	7	Medium	UMA RAKESH GOWTHAM
Sprint-3	Training and Testing	USN-5	Training the model and testing the model's performance	9	High	UMA SNEKA
Sprint-4	Implementation of the application	USN-6	Converting the input sign language image sin to English alphabets	8	Medium	UMA RAKESH SNEKA

Project Tracker,Velocity &Burn down Chart:(4Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date(Planned)	Story Points Completed(abson Planned End Date)	Sprint Release Date(Actual)
Sprint-1	10	6Days	24Oct2022	29Oct2022	8	29Oct2022
Sprint-2	10	6Days	31Oct2022	04Nov2022	5	04Nov2022
Sprint-3	10	6Days	07Nov2022	11Nov2022	7	11Nov2022
Sprint-4	10	6Days	14Nov2022	18Nov2022	5	18Nov2022

Velocity:

$$AV = \frac{sprint\ duration}{velocity}$$

AV   =6/10=0.6

Burn down chart:

Chart showing EFFORTREMAINING (blue) and ACTUALEFFORT (red) across DAY0 through DAY6.

Chart Title

96

150
2

100

200

50

0

96

80

56

40

80

64

40

0

DAY0   DAY1   DAY2   DAY3   DAY4   DAY5   DAY6

EFFORTREMAINING   ACTUALEFFORT

SPRINT BURN DOWN CHART: