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
Sprint-1	Registration	USN-1	Not Required		High
Sprint-1	Login	USN-2	Not Required	1	High
Sprint-1	Main page	USN-4	As a User, **I can enter the web page once clicked, which provides be the Guidelines** to use the app	1	Medium
Sprint-2	Convert Sign	USN-6	As a User, **I can click the button Convert sign ,** which directs me towards the Main screen	4	Medium

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority
Sprint-2	**Camera(Hand movement detection)**	USN-7	As a User, **I can show my hand sign towards the camera which converts them into text manner.**	8	High

Sprint-3	Voice mode	USN-8	Once the text is obtained, As a User **I can click on the voice mode which provides the text in the form of speech.**	3	High
Sprint-1	**Provide the necessary functionalities required to use the app.**		As an Executive, I can **provide the Specifications of Camera required, and other factors** that are required for smooth functioning of the app.	1	Low
Sprint-4	**Check the performance of the app**		As an Executive, I can **check the usage and queries obtained from the end users**.	1	Medium
Sprint-4	**Receive queries based on the usage**		As an Admin, I can **take the queries from the customer care and perform the testing phase again , loading the other signs in the dataset**, in order to make the customersto use the app effectively.	2	High

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)

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

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.