Solution Requirements
(Functional & Non-functional)

Date	07 November 2022
Team ID	PNT2022TMID29804
Project Name	Project – HEALTH CARE DATA ANALYTS
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	VTE Risk SmartForm	As a Clinician patient's risk
FR-2	Data Entry	VTE (risk category), and ensure proper prophylaxis
FR-3	BPA to Prompt Ordering VTE	As an Inpatient MD/APP
FR-4	Dynamic Order Group in Admit Order Sets	Inpatient MD/APP, I want to view only risk-appropriate VTE
FR-5	Data Requirements	As a user, I access the data in visualize mode
FR-6	Dashboard	As a user, I can access the data from queries,graph,pie chart

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The effectiveness, efficiency and satisfaction with which specific users can achieve a specific set of tasks in a particular environment.
NFR-2	**Security**	Educate Healthcare Staff. Restrict Access to Data and Applications. Implement Data Usage Controls. Log and Monitor Use

NFR-3	**Reliability**	Data analytics in clinical settings attempts to reduce patient wait times via improved scheduling and staffing, give patients more options when scheduling appointments and receiving treatment, and reduce readmission rates by using population health data to predict which patients are at greatest risk.
NFR-4	**Performance**	Promote preventive measures by giving patients greater insight into their health and treatment goals. Integrate data from consumer fitness devices and other patient-provided sources of health data.
NFR-5	**Availability**	Transitioning to a career in data analytics can mean stable employment in a high-paying industry once you have the right skills. Each year, there is more demand for data analysts and scientists than there are people with the right skills to fill those role
NFR-6	**Scalability**	Scalability is the ability of a health intervention shown to be efficacious on a small scale and/or under controlled conditions to be expanded under real world conditions to reach a greater proportion of the eligible population, while retaining effectiveness.