

ANALYTICS FOR HOSPITAL'S

HEALTH-CARE DATA

Project Design Phase-II Functional Requirements

Date	16 October 2022
Team ID	PNT2022TMID37727
Project Name	Project - Analytics for Hospitals' Health-care data
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	Appointments	<ol style="list-style-type: none">1) Recurrent appointments.2) Alter calendar time divisions within a day. (ex. display 15 min. time slots)3) Sync with other scheduling software (ex. Outlook) on computer /mobile device.4) Schedule provider/practice unavailable time (ex. office closed, vacations)5) Employee ID of employee entering, changing, deleting appt.6) Support group appointments.7) Automatically create a billing charge for completed appointments.8) Appointment Status:<ol style="list-style-type: none">a. Pendingb. Confirmedc. Cancelled; No Rescheduled. Cancelled; Reschedulee. No Showf. Completed

FR-2	Clinical Charting	<ul style="list-style-type: none"> 1) Support OTC”natural” medications. 2) Ability to enter medication history prescribed by other providers. 3) Access medication history from external sources (ex. Surescripts). 4) Ability to select medication from same list of all medications available for ordering; Support partial
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		<p>medication name search and type in free text if medication name not found.</p> <p>5) Visually show concurrent medication usage.</p>
FR-3	Pa tient Access	<ul style="list-style-type: none"> 1) Compare list of medications patient is currently taking with list of active medications in the patient’s chart. 2) Accessible as Standalone function, as well as easily accessible from Progress Note and Evaluation activities.

FR-4	General Documentation	<ol style="list-style-type: none"> 1) Capability to electronically prescribe. 2) Option of how to transmit new prescription (paper, electronic, phone call). 3) Ability to transmit multiple prescriptions for a patient at one time. 4) Electronically receive pharmacy renewal requests and place notification in Reminders List. 5) Automatically determine when new prescription is needed, because it expired and place notification in Reminders List. 6) Check drug-drug-allergy interactions, including OTC”natural” medications. 7) Display severity of interaction and other warnings in a user-friendly manner. 8) Search comprehensive medication list of all possible medications that can be ordered whether or not on formulary; Allow partial name searches; Display all possible formulations (dosage forms, routes) for selection. 9) Include prescriber information on prescription according to location where patient is being seen. 10) Print prescriptions on formatted paper.
FR-5	Reporting	<ol style="list-style-type: none"> 1) Customize reports needed by facility and to satisfy government reporting requirements.

		<ul style="list-style-type: none">2) Capture data and build statistics based on meaningful use criteria for Medicare/Medicaid attestation.3) Customize reports needed by specific providers/practices or departments.4) Customize reports needed by the facility and to satisfy government reporting requirements.
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