CuraSnap AI – Developer UI/UX Specification

Overview

CuraSnap AI is a web-based application designed to support medical professionals in creating rapid, high-quality documentation such as SOAP notes, clinical observations, and summaries. It utilizes AI-powered Assistants (GPT-like agents) which function in a modular, tabbed interface. The app prioritizes speed, usability, and seamless multi-tasking across patients and note types.

UI Structure

1. Left Sidebar Navigation

- **Section: Assistants**
    - Allows users to select one or multiple predefined assistant modules (e.g., SOAP, Chronology, Summary).
    - **Button [OPEN]**: Triggers the selected assistants to open in tab format within the main chat panel.
- **Section: Create Assistant**
    - Provides UI flow to configure and register new assistant modules. These can be personalized templates similar to custom GPTs.
- **Section: Assistant Groups**
    - Offers predefined bundles of assistants (like browser tab groups) that can be opened with one click. Example groups: "Anamnesis", "Sports Injury", "Headache".
- **Section: Chat History**
    - Displays past chat logs for review or continuation.
- **Section: Patients**
    - Contains a searchable list or timeline of patient sessions, identified either by name or timestamp if unnamed.

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2. Main Chat Area

Tabs:

- Each opened assistant appears as a tab (e.g., SOAP | Chronology | Summary).
- Switching between tabs updates the chat content and context-specific logic.

Chat Functionality:

- **Input**:
    - Text field or voice input (with microphone icon).
    - Supports structured prompts for medical documentation (e.g., findings, interventions).
- **Output**:
    - AI-generated response formatted per assistant type.
    - Output displayed cleanly for easy copy or direct record entry.
- **Next Patient Button**:
    - Soft resets the chat session (context cleared).
    - Visually signals a new patient session but remains in the same tabbed layout.
- **Chat Window**:
    - Persistent chat entry bar at the bottom, similar to modern messaging UIs.
    - Incorporates voice-to-text, file upload, or quick input templates.

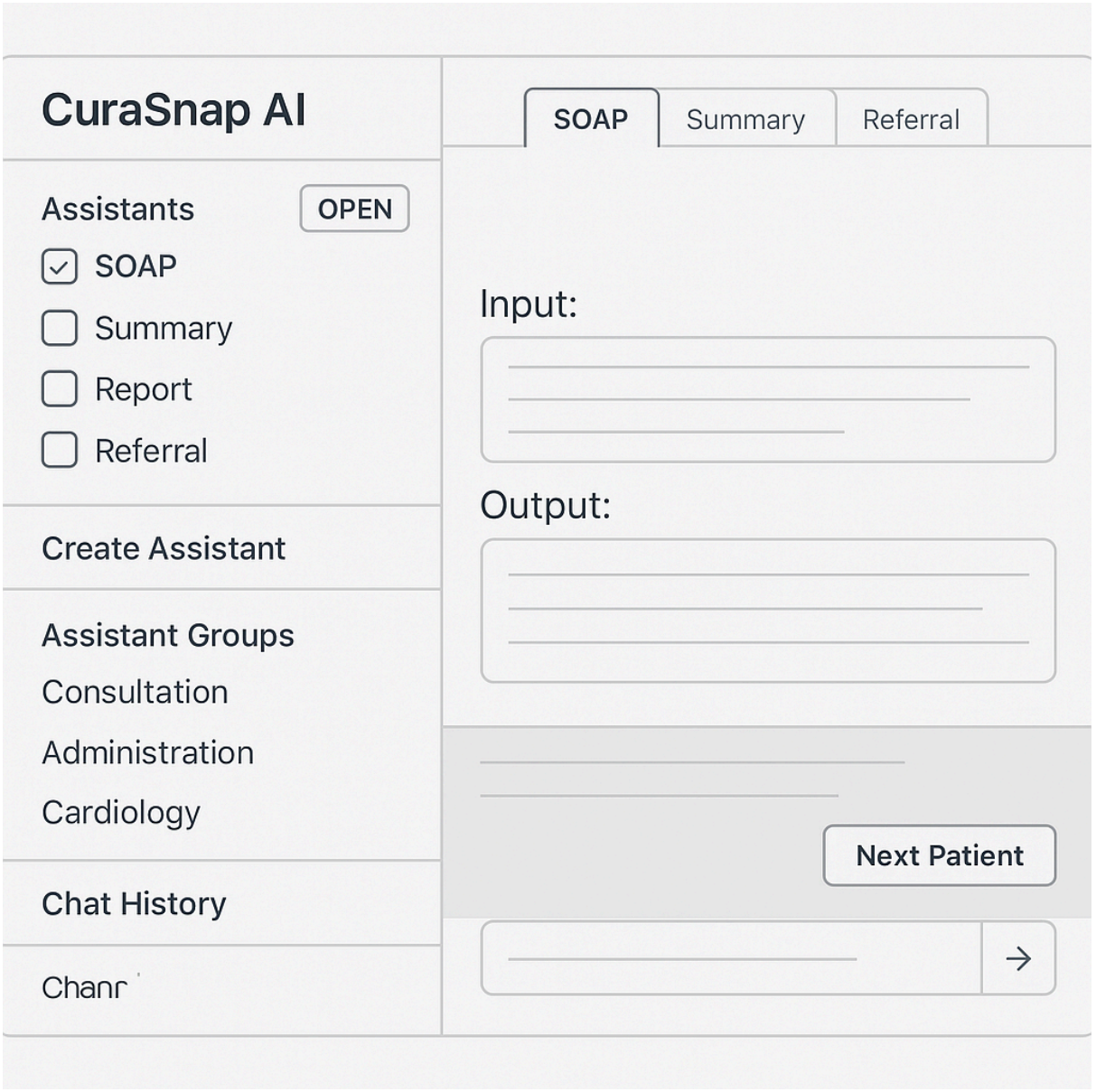
Backend & Logic

- **Assistant Logic**:
    - Each assistant is a context-bound GPT module with predefined prompt logic (e.g., SOAP prompts always structure input as Subjective, Objective, Assessment, Plan).

- **Session Management**:
    - Each patient session is time-stamped.
    - If a patient name is entered, it overrides the default timestamp identifier.
- **State Handling**:
    - Assistant tabs persist until manually closed.
    - Chat context resets only upon clicking "Next Patient" or by switching patients from the sidebar.

Design Goals

- Minimalist and fast interface for clinical settings.
- Tabbed multitasking between documentation assistants.
- Fast input/output cycle with minimal UI distractions.
- Logical grouping of assistants for common use cases.


CuraSnap AI
Assistants
OPEN
SOAP
Summary
Report
Referral
Create Assistant
Assistant Groups
Consultation
Administration
Cardiology
Chat History
Chanr
SOAP
Summary
Referral
Input:
Output:
Next Patient