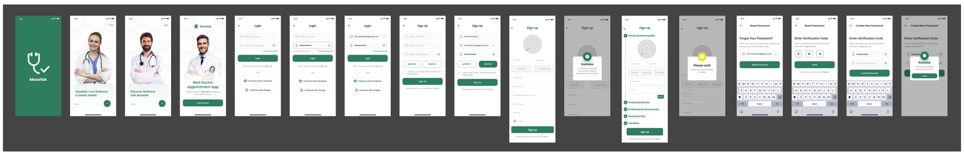
Mobile Application Design Documentation

(Sign Up / Sign In Section)



1. Onboarding Screens

1.1 Onboarding 1 – “Discover Wellness with Mosefak”

- **Headline/Text:**
  “Discover Wellness with Mosefak”
- **Visual:**
  Doctor in a white coat, arms crossed, subtle checkered background.
- **Buttons & Navigation:**
  - **Skip (top-right):** Skips onboarding → goes to Login/Sign Up.
  - **Next Arrow (bottom-right):** Moves to the next onboarding screen.

1.2 Onboarding 2 – “Best Doctor Appointment App”

- **Headline/Text:**
  - Main Title: “Best Doctor Appointment App”
  - Subtext: “Welcome Aboard Mosefak: Navigating Your Health Journey”
- **Visual:**
  Doctor holding a stethoscope; Mosefak logo at the top.
- **Button:**
  - **Get Started:** Leads directly to Login/Sign Up or to the next onboarding screen.

1.3 Onboarding 3 – “Mosefak: Your Gateway to Better Health”

- **Headline/Text:**
  “Mosefak: Your Gateway to Better Health”
- **Visual:**
  Female doctor smiling, wearing a stethoscope.
- **Buttons & Navigation:**
  - **Skip (top-right):** Skips remaining onboarding steps.
  - **Next Arrow (bottom-right):** Moves to the next step or finishes onboarding.

Onboarding Flow Summary

1. Users see up to three screens showcasing Mosefak’s benefits.
2. At any point, **Skip** or **Get Started** leads to Sign Up / Sign In.
3. **Next Arrow** also transitions between screens or completes onboarding.

2. Login Screens

2.1 Login - Empty State

- **Fields:**
  - **Email** (placeholder text)
  - **Password** (masked)
- **Buttons/Links:**
  - **Login** (primary; may be disabled until valid fields)
  - **Forgot Password?** (link to reset)
  - **Sign Up** (link to registration)
  - **Continue with Facebook/Google** (optional)

2.2 Login - Filled State

- **Fields:**
  - **Email** (e.g., "Ahmedkhatab@gmail.com" + checkmark)
  - **Password** (masked, no error)
- **Buttons/Links:**
  - **Login** (active primary button)
  - **Forgot Password?**
  - **Sign Up**
  - **Social Logins** (optional)

2.3 Login - Wrong Password

- **Fields:**
  - **Email** (valid format)
  - **Password** (masked, error displayed)
- **Error Message:**
  "*the password was wrong" (in red)
- **Buttons/Links:**
  - **Forgot Password?**
  - **Login** (retry)
  - **Sign Up**
  - **Social Logins** (optional)

Login Flow Summary

1. User enters credentials. Correct → main dashboard.
2. Wrong password → error message; user can retry or reset.
3. If no account → user taps **Sign Up**.

3. Sign Up Screens

3.1 Sign Up – Basic Form (Empty State)

- **Fields:**
    - **Name**
    - **Email**
    - **Password**
    - **Role Selection** (Patient or Doctor)
- **Buttons/Links:**
    - **Sign Up** (disabled until valid)
    - **Already have an account? Log in** (link)
- **Additional Elements:**
    - Checkbox for Terms of Service & Privacy Policy.

3.2 Sign Up – Basic Form (Filled State)

- **Fields:**
    - **Name:** e.g., "Ahmed Khatab"
    - **Email:** e.g., "Ahmedkhatab@gmail.com" (validated)
    - **Password:** Masked, valid length
    - **Role:** Selected "patient" or "doctor"
- **Buttons/Links:**
    - **Sign Up** (active if all fields are valid)
    - **Login** link (for existing users)
- **Notes:**
    - Doctors may continue to **Extended Info** steps.

3.3 Sign Up – Extended Info / Multi-Step Flow (Doctor Role)

If **Doctor** is chosen, the user is guided through additional steps:

3.3.1 Step 1: Personal Information

- First Name & Second Name
- Date of Birth
- Phone Number (+ optional second phone)
- Chronic Diseases / Blood Type / Social Status
- (Optional) Location (if not captured in a later step)

3.3.2 Step 2: Professional Info

- Specialization (dropdown, e.g., Cardiology)
- Year of Experience
- Previous Places of Work
- Working Hours (Morning/Evening toggles)

3.3.3 Step 3: Professional Documents

- CV (file upload)
- Clinic Photos (multiple images)
- License Photos (certifications)

3.3.4 Step 4: Payment Info

- Consultation Cost / Base Fee
- Bank Account Info (IBAN or account number)

3.3.5 Step 5: Location

- Clinic / Hospital Address (map picker or text)
- Additional Details (building, floor)

Navigation

- **Next**: Moves to the following step.
- **Previous**: Returns to the prior step.
- Final **Sign Up**: Submits all data.

3.4 Sign Up – Waiting & Success States

- **Waiting Popup:**
  "Please wait while we review the data."
- **Success Popup:**
  "Your account has been successfully created! Please wait a few seconds."
    - Often followed by redirect to **Login** or dashboard.

Sign Up Flow Summary

1. Basic form for all users.
2. If **Doctor**, multi-step flow: Personal Info → Professional Info → Documents → Payment Info → Location.
3. After submission, "Waiting" → "Success."
4. User is redirected to **Login** or auto-logged in.

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4. Password Reset Flow

4.1 Forgot Password

- **Screen Name:** Reset Password
- **Fields:**
    - Email or Phone (for verification code)
- **Button:**
    - **Reset Password** (sends code)

4.2 Reset Password – Verify Code

- **Fields:**
    - **Verification Code** (digits)
    - **New Password** (masked)
    - **Confirm Password** (optional)
- **Button:**
    - **Create Password** (finalizes reset)
- **Link:**
    - **Resend Code** (if not received)

4.3 Create New Password – Success

- **Popup Message:**
  "Success. You have successfully reset your password."
- **Button:**
  Login → returns user to the login screen.

Password Reset Flow Summary

1. Tap **Forgot Password?** → enter email/phone.
2. Receive code, enter it + new password.
3. "Success" popup → back to login.

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5. Putting It All Together – Flow Overview

Onboarding → Sign In / Sign Up

- User sees up to 3 onboarding screens.
- **Skip** or **Get Started** leads to login/sign-up.

Login

- Correct credentials → main dashboard.
- Wrong credentials → error, retry or reset.
- No account → **Sign Up**.

Sign Up

- Fill basic details.
- If Doctor → multi-step flow.
- Success popup → user can now log in.

Forgot Password

- Enter email/phone, receive verification code.
- Enter code + new password.
- Success popup → back to login.

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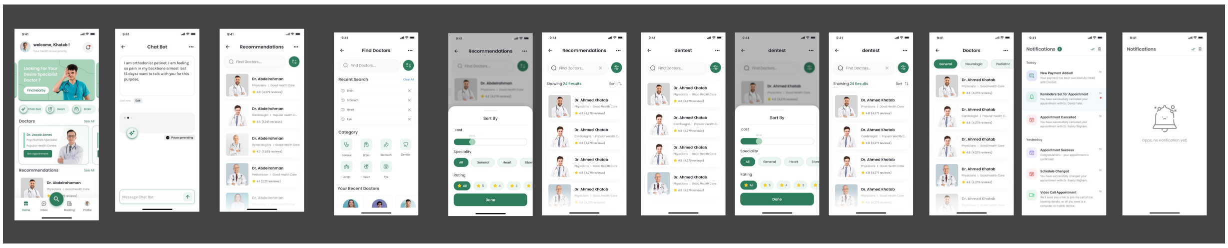
6. How the System Flow QA Chatbot Will Use This Data

- **Contextual Guidance:**
  - If asked, “How do I sign up?” the bot references name/email/password, role selection, and steps.
- **Error Handling:**
  - If a user says, “I’m stuck with a wrong password,” the bot guides them to reset or check credentials.
- **Navigation & Next Steps:**
  - After account creation, the bot can direct users to the success popup or extended profile setup.
- **Role-Specific Onboarding:**
  - For doctor sign-up, the bot explains multi-step flows (personal info, documents, payment, etc.).

(Second Section: Home Page & Notification)



1. Home Page

1.1 Layout & Main Features

- **Header Area:**
  - **App Logo** (e.g., “Mosefak”) or Title.
  - **Profile Icon** or **Menu/Hamburger** (top-right).
  - **Notification Bell** (often top-right) to access notifications.
- **Search Bar:**
  - Placeholder text (e.g., “Search for doctors, specializations, or clinics”).
  - Could include a search icon or microphone icon for voice search.
- **Quick Navigation Tiles/Buttons:**
  - Examples: “Book Appointment,” “My Appointments,” “Doctors,” “Chatbot.”
  - Tapping these leads to the respective feature or module.
- **Featured/Promotional Banner (Optional):**
  - Rotating banner or static image highlighting health tips, offers, or new features.

User Flow Example

1. **Open App → Home Page** (if already logged in).
2. **Search** for a doctor or specialization in the search bar.
3. Tap a **Quick Navigation Tile** to jump to a main feature (e.g., “Appointments”).

1.2 Doctor Listings & Specializations

- **Section Title:** “Top Doctors” or “Recommended Doctors.”
- **Doctor Cards:**
  - Photo, Name, Specialization, Rating (stars or numerical), and “Book” button.
  - Tapping a doctor’s card leads to their **Doctor Profile** (with more info).
- **Categories or Specializations (Horizontal Scroll):**
  - Icons for each specialty (Cardiology, Neurology, etc.).
  - Tapping a specialty filters the doctors displayed below.
- **View All Button:**
  - Shows a full list of doctors in that specialty.

User Flow Example

1. User sees a row of **Top Doctors**.
2. Taps “View All” to see more.
3. Chooses a doctor → navigates to detailed profile with scheduling options.

1.3 Appointments & Quick Actions

- **Upcoming Appointments Widget:**
    - Shows date/time of next scheduled appointment.
    - **Buttons:** “View More,” “Reschedule,” or “Cancel.”
- **Recent Activity/History:**
    - Past appointments or interactions (lab tests, prescriptions, etc.).
- **Footer Navigation (if applicable):**
    - Typical tabs: **Home**, **Doctors**, **Appointments**, **Profile**, **More**.
    - The **Home** tab is highlighted when on this screen.

User Flow Example

1. On the Home Page, user checks “Upcoming Appointments.”
2. If needed, taps “Reschedule” to pick a new time slot.
3. Navigates to **Appointments** tab for a full list.

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2. Notification Section

2.1 Notification List View

- **Access Point:**
    - **Notification Bell** on the Home Page header (often top-right).
- **Layout:**
    - A scrollable list of notifications.
    - Each notification item shows an icon (if relevant), a title, and a short message.
    - **Unread Notifications** might be bold or highlighted.
- **Swipe Actions (Optional):**
    - **Mark as Read** or **Delete**.
- **Empty State:**
    - “You have no new notifications” or similar message.

User Flow Example

1. User taps the **Notification Bell**.
2. Sees a list of recent notifications (e.g., "Appointment confirmed with Dr. Ahmed").
3. Swipes or taps to mark notifications as read.

2.2 Notification Details & Actions

- **Tap a Notification:**
  - May open a **Detail View** (e.g., appointment confirmation page, chat message, or system announcement).
- **Possible Actions:**
  - **View Appointment** – jumps to the appointment details screen.
  - **Go to Chat** – opens the chatbot or direct chat with a doctor.
  - **Acknowledge** or **Dismiss** – if it's a system alert.
- **Back Navigation:**
  - A **Back Arrow** or "Notifications" button to return to the list view.

User Flow Example

1. User taps a notification about a scheduled appointment.
2. Lands on an **Appointment Details** screen.
3. Reviews info, returns to notifications list if needed.

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3. Overall Flow Overview

Home Page

- Displays search bar, quick tiles, recommended doctors, upcoming appointments.
- Acts as the central hub for user navigation.

Navigating to Doctors

- Users can scroll through "Top Doctors" or tap specializations to filter.
- Tapping a doctor's card leads to their profile with booking options.

Appointments

- The "Upcoming Appointments" widget or the dedicated **Appointments** tab shows scheduled visits.
- Users can reschedule or cancel if needed.

Notifications

- The **Bell Icon** indicates new or unread notifications.
- The list view shows all recent updates (e.g., appointment confirmations, chat replies).
- Tapping a notification can redirect users to relevant details.

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4. How the System Flow QA Chatbot Will Use This Data

Contextual Guidance on Home Page:

- If a user asks, “How do I book an appointment?” the chatbot references the **Doctor Listings** or **Quick Navigation** tiles.
- If a user asks, “Where do I see my upcoming appointments?” the bot explains the **Upcoming Appointments Widget** on the Home Page or the dedicated **Appointments** tab.

Notification Assistance:

- If a user says, “I see a notification about my appointment; what does it mean?” the bot can guide them to tap the notification for details.
- If a user needs to clear old notifications, the bot explains **swipe to delete** or **mark as read**.

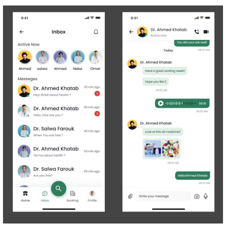
Doctor Browsing & Specializations:

- If a user wants to find a specific type of doctor, the chatbot can highlight the **specializations** row and how to filter or search.

Seamless Navigation:

- The chatbot ensures the user knows how to move from **Home** to **Doctors** to **Appointments** to **Notifications**, creating a smooth in-app experience.

(Third Section: Inbox)



1. Inbox List View

1.1 Screen Layout & Elements

- **Header/Title (optional):**
    - Could simply read “Inbox” at the top or use a standard navigation bar with a back arrow if nested within the app.
- **Active Now (Top Row):**
    - Circular avatars of users/doctors currently online (e.g., “salwa,” “Ahmed,” “Heba,” “Omar”).
    - Tapping an avatar may jump directly into an active conversation or open the user’s profile.
- **Messages List (Below the Active Row):**
    - Each list item displays:
        - **Avatar:** Circular image of the user/doctor.
        - **Name/Title:** e.g., “Dr. Ahmed Khatab.”
        - **Last Message Snippet:** A short preview of the most recent chat message (e.g., “What about health?”).
        - **Timestamp:** Time or “minutes ago” for the last message.
        - **Unread Count (in red):** Indicates how many new messages.
    - Tapping a list item opens the **Chat/Conversation** screen.
- **Navigation (Bottom Tabs):**
    - **Home, Inbox, Booking, Profile** (example). The **Inbox** tab is highlighted when on this screen.
- **Search/FAB (Optional):**
    - A **floating action button** or a **search icon** to quickly find specific chats or contacts.

1.2 States & Interactions

- **Unread Messages:**
    - Red badge with a number indicating unread messages.
- **No Chats State:**
    - If the user has no active chats, show “No conversations yet” or similar message.
- **Swipe Actions (Optional):**
    - **Delete** or **Archive** a chat from the list.

Inbox List Flow Summary

1. User opens the **Inbox** from the bottom nav.
2. Sees “Active Now” avatars if any contacts/doctors are online.
3. Scrolls through the conversation list.
4. Taps on a conversation to open the chat screen.

2. Conversation Screen

2.1 Layout & Main Features

- **Top Bar:**
    - **Doctor/User Name:** e.g., “Dr. Ahmed Khatab.”
    - **Status:** “Active now” or last seen time.
    - **Icons (optional):** Phone or video call, back arrow to return to the inbox list.
- **Chat History Area:**
    - **Incoming Messages:** Typically aligned on the left.
    - **Outgoing Messages:** Aligned on the right.
    - **Timestamps:** e.g., “09:25 AM.”
    - **Message Types:** Text, images, voice notes, possibly attachments (e.g., “Look at this medicine!!”).
    - **Read/Delivered Indicators (optional):** Checkmarks or “Seen at [time].”
- **Message Composer (Bottom):**
    - **Text Field:** Placeholder like “Write your message.”
    - **Attachment Icon:** To upload images, files, etc.
    - **Microphone Icon (optional):** For voice notes.
    - **Send Button:** Usually appears when the user starts typing or after an attachment is selected.

2.2 Supported Message Types

1. **Text Messages:**
    - Simple text, possibly with emojis.
2. **Voice Notes:**
    - Play/pause controls (00:16 time stamp).
    - Waveform or progress bar to show playback.
3. **Image Messages:**
    - Thumbnails in the chat bubble.
    - Tapping opens a fullscreen view.
4. **System/Status Messages:**
    - E.g., “You did your job well!” or “Active now” updates.

2.3 User Interactions

- **Scroll & Read:**
  - The user scrolls through chat history. Unread messages become read as they appear on screen.
- **Send a Message:**
  - User types text → taps **Send**.
- **Send Voice Note:**
  - User taps **Microphone Icon** → records a message.
- **Attach Photos or Files:**
  - User taps **Attachment Icon** → picks from gallery or camera.
- **Back Navigation:**
  - **Back Arrow** in the top bar returns to the **Inbox** list.

Conversation Flow Summary

1. User selects a chat from the **Inbox**.
2. Enters the conversation screen with messages, images, voice notes.
3. Composes or records a new message.
4. Sends the message, which appears in the conversation instantly.
5. Uses **Back Arrow** to return to the Inbox list.

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3. Additional Chat Features

3.1 Read Receipts & Indicators

- **Typing Indicator:** “Dr. Ahmed is typing…”
- **Read Receipts:** Single/double ticks or “Seen at 09:30 AM.”

3.2 Multi-User or Group Chats (If Applicable)

- If the app supports group chats:
  - Show group name, participant list, group icon.
  - Possibly mention who sent each message.

3.3 Chat Settings

- **Mute Notifications:** Turn off notifications for a specific chat.
- **Block User (optional):** If a user no longer wants messages from a certain contact.

Note: These features depend on your app's scope. Include only what applies.

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4. Overall Inbox Flow Overview

1. **Inbox Access:**
    - From the bottom nav (Inbox icon) or a top-level menu item.
2. **Inbox List View:**
    - Shows active now avatars, list of conversations, unread badges.
3. **Select a Chat:**
    - Opens conversation with text, images, voice notes.
4. **Send Message / Attachment:**
    - Compose text, attach files, or record audio.
5. **Return to Inbox:**
    - Tap the **Back Arrow**.
6. **Notifications (Optional):**
    - If a new message arrives, a push notification may appear. The user can tap it to go directly to the conversation.

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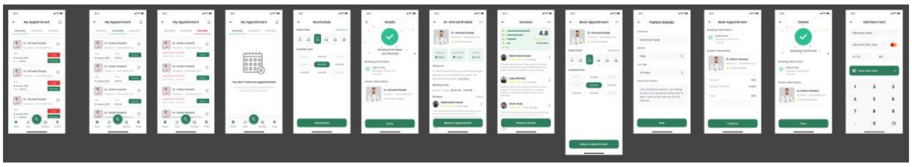
5. How the System Flow QA Chatbot Will Use This Data

- **Contextual Guidance:**
    - If a user asks, "How do I send a voice note?" the bot explains tapping the **Microphone Icon** in the chat composer.
    - If a user is confused about "Active Now," the bot clarifies it indicates which contacts/doctors are currently online.
- **Navigation & Next Steps:**
    - If a user wants to return to the list of all chats, the bot instructs them to tap the **Back Arrow** or "Inbox" tab.
- **Troubleshooting:**

- If images aren't uploading, the bot can suggest checking network connectivity or permissions.
- If unread messages aren't clearing, the bot explains how scrolling through them or tapping each chat marks them as read.

(Appointment / Booking Section)



1. Appointment Overview

This section allows users (patients) to **browse doctors**, **select an appointment slot**, and **confirm bookings**—with additional options like **rescheduling**, **cancellation**, and **payment**. Doctors can also manage their schedules and see patient bookings.

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2. Booking Flow – Screen-by-Screen

2.1 Appointment Home / Booking Main Screen

- **Purpose:**
    1. Central hub for appointments: lists upcoming appointments, booking options, and a button to create a new appointment.
- **Key Elements:**
    1. **Upcoming Appointments List**
        - Shows date, time, doctor's name, and status (e.g., confirmed, pending).
        - Each item may have **View Details** or **Reschedule/Cancel** buttons.
    2. **"Book New Appointment" Button**
        - Prominent CTA leading to the doctor/specialization selection process.
    3. **Navigation Tabs (if applicable):**
        - **Home, Inbox, Booking, Profile**. The **Booking** tab is highlighted on this screen.

User Flow Example

1. User taps the **Booking** tab from the bottom navigation.
2. Sees a list of **Upcoming Appointments** (if any).
3. Taps **Book New Appointment** to start scheduling.

2.2 Doctor / Specialization Selection

- **Purpose:**
  - Let users choose a doctor by **specialty**, **name**, or **search**.
- **Key Elements:**

  1. **Search Bar**

     - Placeholder: “Search by doctor’s name, specialty, or hospital.”
     - Magnifying glass icon or voice input (optional).

  2. **Specialization Categories** (Horizontal scroll or grid)

     - Examples: Cardiology, Neurology, Pediatrics, etc.
     - Tapping a specialty filters the doctor list.

  3. **Doctor Cards**

     - Display doctor photo, name, specialization, rating, possibly location.
     - A “Book” or “View Profile” button.

- **Navigation:**

  - **Next / Continue** button once a doctor is selected, or user taps the doctor card to proceed.

User Flow Example

1. User searches or taps a **Specialization**.
2. Sees relevant **Doctor Cards**.
3. Taps **Book** on a specific doctor to move to date/time selection.

2.3 Doctor Profile & Schedule

- **Purpose:**

  - Display doctor’s details (experience, ratings, clinic location) and available appointment slots.

- **Key Elements:**

  1. **Doctor Info Section**

- Photo, name, specialization, rating (e.g., 4.8/5), years of experience, clinic/hospital name.

2. **Appointment Slots / Calendar**

    - Calendar view or date picker (day, month).
    - Time slots for each day (morning, afternoon, evening).
    - **Available** vs. **Fully Booked** slots indicated by color or state.

3. **Select a Slot**

    - User taps a time slot (e.g., 10:30 AM).

4. **Navigation Buttons**

    - **Back Arrow**: Return to the previous screen.
    - **Next** or **Confirm Slot**: Moves to appointment details/confirmation.

User Flow Example

1. User arrives at the **Doctor Profile** from the previous step.
2. Scrolls to the **Schedule** area, picks a **date** on the calendar, then chooses an **available time slot**.
3. Taps **Next** to continue.

2.4 Appointment Details & Confirmation

- **Purpose:**

    - Show a summary of the chosen doctor, date, time, consultation fee, and any required patient info (e.g., reason for visit).

- **Key Elements:**

    1. **Appointment Summary**

        - Doctor name, specialization, date & time, location/clinic.
        - Consultation fee (if applicable).

    2. **Patient Notes / Reason for Visit** (optional)

        - A text field: “Describe your symptoms or reason for visit.”

    3. **Payment Method** (if integrated)

        - Choice of **Cash**, **Credit Card**, or **Insurance** (depending on your app’s design).

    4. **Confirm Appointment** Button

        - Final CTA to lock in the booking.

User Flow Example

1. User reviews the **appointment summary** (doctor, time, cost).
2. (Optional) Enters a **note** describing the issue.
3. Selects a **payment method** if required.
4. Taps **Confirm Appointment** to finalize.

2.5 Booking Success / Confirmation Screen

- **Purpose:**
    - Confirm the appointment was successfully scheduled and provide relevant details.
- **Key Elements:**
    1. **Success Message**
        - "Appointment Confirmed!" or "Booking Successful!"
    2. **Appointment ID / Reference** (optional)
    3. **Next Steps**
        - "View Appointment Details" or "Go to Home" button.
- **Navigation:**
    - **Home** or **Appointments** tab.
    - Possibly a link to share appointment details with others.

User Flow Example

1. User sees a **success popup** or screen.
2. Taps **View Appointment** to see it in the upcoming appointments list.

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3. Managing Existing Appointments

3.1 Upcoming Appointments List

- **Purpose:**
    - Display all future appointments with date, time, doctor's name, and status.
- **Key Elements:**

1. **Appointment Card**

    - Doctor’s photo & name, date/time, status (Confirmed, Pending, or Canceled).
    - **Reschedule** or **Cancel** buttons (if allowed).

2. **Pull-to-Refresh** or **Auto Refresh**

    - Updates appointment statuses if changed by the doctor or system.

User Flow Example

1. User returns to the **Booking** screen.
2. Sees a list of upcoming appointments.
3. Taps an appointment to view or edit details.

3.2 Appointment Detail Screen

- **Purpose:**

    - Show full appointment information (doctor, location, time, fee, patient notes).

- **Key Elements:**

    1. **Doctor Info**

        - Photo, name, specialization, contact info.

    2. **Date & Time**

        - Possibly a mini calendar or text: “Wednesday, Sep 21 at 10:30 AM.”

    3. **Payment Info** (if relevant)

        - Payment status or method.

    4. **Buttons**:

        - **Reschedule**: Takes user to a similar calendar/time slot view.
        - **Cancel**: Initiates cancellation flow.
        - **Chat**: Possibly direct link to chat with the doctor.

User Flow Example

1. User opens the appointment detail.
2. Sees all info (time, location, fee).
3. Chooses **Reschedule** if needed.

3.3 Rescheduling Flow

- **Purpose:**
    - Let users pick a new date/time for an existing appointment.
- **Key Elements:**
    1. **Calendar/Time Slot Selector**
        - Similar to the booking flow but indicates "Rescheduling."
    2. **Confirm New Slot**
        - A button to finalize the new appointment time.
    3. **System Notification**
        - Possibly notifies the doctor of the change, or updates the system.

User Flow Example

1. User taps **Reschedule** from the appointment detail.
2. Picks a new date/time slot.
3. Taps **Confirm** → success message.
4. The appointment detail updates with the new slot.

3.4 Cancellation Flow

- **Purpose:**
    - Allow users to cancel an appointment if they can't attend.
- **Key Elements:**
    1. **Confirmation Prompt**
        - "Are you sure you want to cancel?"
    2. **Cancellation Reason (optional)**
        - User can provide a reason: "Emergency," "Doctor unavailable," etc.
    3. **Cancellation Policy**
        - If there's a fee or penalty, display relevant info.
    4. **Success or Final Confirmation**

        - Appointment marked as **Canceled** in the system.

User Flow Example

1. User taps **Cancel** on the appointment detail screen.
2. Confirms cancellation.
3. The appointment's status changes to **Canceled**.

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4. Additional Booking Features

4.1 Payment Integration

- If the app supports in-app payments:
    - **Card Info** screen or **Wallet** integration.
    - Payment status displayed on the appointment detail screen.

4.2 Reminders & Notifications

- **Push Notifications:**
    - "Your appointment with Dr. Ahmed is tomorrow at 10:30 AM."
- **SMS/Email Reminders** (optional).

4.3 Doctor-Side Management (if relevant)

- Doctors can **approve**, **decline**, or **suggest new time** for a booking.
- Status changes reflect in the patient's upcoming appointments.

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5. Overall Appointment Flow Summary

1. **Start Booking**
    - User taps **Book New Appointment** or selects a doctor from search.
2. **Doctor & Slot Selection**
    - Chooses doctor → picks date/time.
3. **Confirmation**
    - Reviews appointment summary, optionally adds a note, and confirms.
4. **Success Screen**

- Appointment is created.

5. **Managing Appointments**

   - On the **Booking** screen, user sees upcoming appointments.
   - They can **view details**, **reschedule**, or **cancel**.
   - Notifications keep them updated on any changes.

---

6. How the System Flow QA Chatbot Will Use This Data

Contextual Guidance:

- If a user asks, “How do I book an appointment?” the chatbot can reference the step-by-step: **select doctor → pick date/time → confirm**.
- If a user wants to **reschedule**, the chatbot explains how to open the appointment detail and tap **Reschedule**.

Error Handling:

- If a user can’t find a slot, the chatbot might suggest searching another day or different doctor.
- If payment fails, the chatbot guides them to retry or pick a different method.

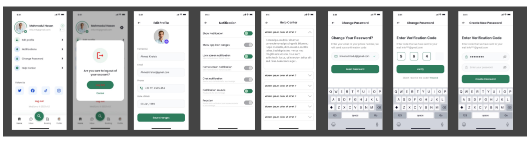
Navigation & Next Steps:

- The chatbot can help users jump from the **Booking** tab to the **Doctor Profile** or **Payment** screen.
- If a user cancels, the chatbot can confirm policy details and next steps.

Reminders & Notifications:

- The chatbot can remind users about upcoming appointments or how to view them in the **Booking** section.

(Fourth Section: Patient Profile)



1. Profile Overview

This section allows **patients** to view and update their personal information, medical details, and account settings. It's typically accessed via a **"Profile"** tab in the bottom navigation or through a **menu/hamburger** icon.

---

2. Main Profile Screen

2.1 Layout & Elements

1. **Profile Picture / Avatar**
    1. A circular image placeholder if no photo is uploaded.
    2. Tap to view or change the profile picture (if supported).
2. **Patient Name & Basic Info**

    1. Full name (e.g., "Ahmed Khatab").
    2. Possibly phone number or email displayed below.

3. **Edit Profile Button**

    1. Leads to a more detailed edit screen (personal info, contact info, etc.).

4. **Medical Info / Health Data (Optional)**

    1. Blood type, chronic diseases, allergies, etc. (if the app includes these fields).

5. **Quick Actions / Shortcuts** (Optional)

    1. **Appointments:** Jump to upcoming/past appointments.
    2. **Notifications:** Link to the notifications screen.
    3. **Payment Info:** Manage saved cards or payment methods.

6. **Settings or More Options**

    1. Could include language preferences, theme (dark/light mode), privacy settings.

2.2 Navigation & States

- **Navigation Tabs:** Home, Inbox, Booking, **Profile** (the Profile tab is highlighted).
- **Empty State (If No Info):**
    - "No profile information found. Please complete your profile."
- **Back Arrow (Optional):** If the app uses a stack navigation, a back arrow might appear at the top.

User Flow Example

1. User taps **Profile** in the bottom nav.

2. Sees their **name**, **avatar**, and basic info.
3. Taps **Edit Profile** to modify details.

---

3. Edit Profile Flow

3.1 Edit Personal Information

1. **Name Fields**
   - First Name, Last Name.
2. **Email**
   - If the user changes their email, the system may require re-verification.
3. **Phone Number**
   - Possibly verified via SMS or call.
4. **Date of Birth**
   - Date picker or text field.
5. **Gender** (optional)
   - Male/Female/Other, or a drop-down.

User Flow Example

1. User taps **Edit Profile** from the main profile screen.
2. Enters new **name**, updates **email** or **phone**.
3. Taps **Save** → sees a success message or popup.

3.2 Edit Medical Details (If Implemented)

1. **Blood Type**
   - e.g., A+, B-, O+, etc.
2. **Chronic Diseases**
   - Text field or multi-select (Diabetes, Hypertension, etc.).
3. **Allergies**

- e.g., “Penicillin allergy.”

4. **Medications** (optional)
   - A list or text field for current prescriptions.

User Flow Example

1. User scrolls down on the **Edit Profile** screen.
2. Taps fields like **Blood Type** or **Chronic Diseases** to update them.
3. Saves changes → updated info displayed on the main profile screen.

3.3 Security & Password

- **Change Password**
  - Old Password, New Password, Confirm New Password fields.
  - Submit button with validation.
- **Two-Factor Authentication (2FA)** (optional)
  - If the app supports 2FA, user can enable or disable it here.

User Flow Example

1. User selects **Change Password** from the profile or settings.
2. Inputs old password, then creates a new one.
3. On success, sees a confirmation message: “Password updated.”

---

4. Additional Profile Features

4.1 Payment Methods

- **Saved Cards**
  - Credit/Debit card details with last 4 digits shown.
  - Add/Remove/Update cards.
- **Insurance Information** (optional)
  - Insurance provider, policy number, coverage details.

4.2 Privacy Settings

- **Notification Preferences**

    - Turn push notifications on/off for appointments, chat messages, system alerts.
- **Data Sharing**
    - Manage who can see your health data (if relevant).

4.3 Logout / Deactivate Account

- **Logout**
    - Logs the user out and returns to the login screen.
- **Deactivate Account**
    - Possibly hidden under advanced settings.
    - Confirmation prompt to ensure the user wants to proceed.

User Flow Example

1. User navigates to **Settings** from the profile.
2. Toggles notification preferences or logs out.
3. If deactivating, user confirms the decision in a popup.

---

5. Profile Flow Summary

1. **Access Profile**
    - Via the bottom nav (Profile tab) or a menu option.
2. **View Profile**
    - User sees avatar, name, contact info, basic medical details.
3. **Edit Profile**
    - User can update personal info, contact details, and (optionally) medical info.
    - Changes are saved and displayed immediately or after a confirmation.
4. **Manage Security & Settings**
    - Change password, set up 2FA, adjust notification preferences.
5. **Payment & Insurance (Optional)**
    - Add or update payment methods, insurance details.
6. **Logout / Deactivate**

- If user chooses to exit or remove their account.

---

6. How the System Flow QA Chatbot Will Use This Data

Contextual Guidance:

- If a user asks, "How do I change my email?" the bot can explain going to **Edit Profile** → **Email field** → **Save**.
- If a user wants to add or remove a payment card, the bot references **Payment Methods** in the profile settings.

Medical Information Queries:

- If a user wants to update their **chronic diseases**, the bot guides them to **Edit Profile** → **Medical Details** section.

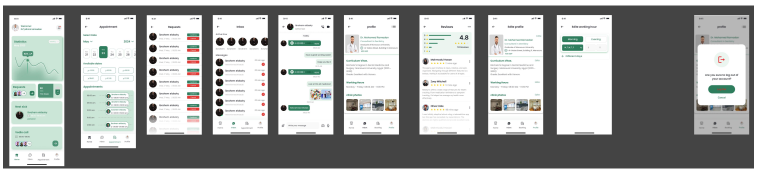
Error Handling:

- If a user can't save changes, the bot might advise them to check required fields or verify the phone/email.

Security & Privacy:

- If a user asks about notifications or data sharing, the bot points them to **Privacy Settings** under the profile.

(Doctor Section & Dashboard with Chatbot)



1. Doctor Dashboard Overview

The **Doctor Dashboard** is where medical professionals can:

- **Track appointments** (upcoming, current, or past).
- **View patient information** and manage ongoing consultations.
- **Monitor analytics** (appointments, earnings, or patient feedback).
- **Access chat/inbox** to communicate with patients.
- **Update their profile** (schedule, specialization, fees).
- **Leverage a Chatbot** for quick assistance on system queries and patient data retrieval.

---

2. Dashboard Home / Analytics Screen

2.1 Layout & Elements

1. **Analytics / Stats**
   - **Appointments Graph**: Displays weekly or monthly trends.
   - **Earnings Overview** (if applicable).
   - **Patient Count** or other key metrics.
2. **Navigation Icons / Tabs**
   - **Home (Dashboard)**, **Inbox**, **Bookings**, **Profile**, **Chatbot** (optional).
3. **Shortcuts**
   - "Manage Schedule," "See Today's Appointments," "New Notifications," or "Ask Chatbot."

User Flow Example

1. Doctor logs in → sees **Analytics Graph**.
2. Scrolls for **Key Stats** (appointments, revenue).
3. Taps **Chatbot** (if integrated as a tab) to ask a quick question like "Show my appointments today."

---

3. Patients & Appointments Management

3.1 Appointments List / Patient Queue

1. **Upcoming Appointments**
   - Date, time, patient name, status (Confirmed, Pending, etc.).
2. **Today's Schedule**
   - A timeline view of all appointments for the current day.
3. **Filters / Tabs**
   - **All**, **Pending**, **Confirmed**, **Completed**, **Canceled**.

User Flow Example

1. Doctor taps **Bookings** or "Appointments" from the dashboard.

2. Sees a list of scheduled patients.
3. Optionally asks the **Chatbot**: “How many appointments do I have today?”

3.2 Appointment Details (Doctor View)

1. **Patient Info**
   - Name, age, medical notes.
2. **Appointment Info**
   - Date/time, type (in-person or online), payment status.
3. **Actions**
   - **Confirm**, **Reschedule**, **Cancel**, **Start Consultation** (if telemedicine).
4. **Notes Section**
   - Doctor can record a summary, diagnosis, or prescription.

User Flow Example

1. Doctor selects an appointment.
2. Reviews patient’s details.
3. Asks the **Chatbot** (via text or voice) to “Remind me to follow up with this patient in 2 days.”

---

4. Chat / Inbox with Patients

4.1 Inbox Screen (Doctor’s Perspective)

1. **Active Chats**
   - Each entry shows patient name, last message snippet, and unread badge.
2. **Search / Filter**
   - By patient name or conversation keywords.
3. **Online Status**
   - Who’s currently active or last online.

User Flow Example

1. Doctor taps **Inbox**.
2. Sees a list of patient conversations.
3. Optionally uses the **Chatbot** to check the context of a specific patient's query.

4.2 Chat Screen

1. **Header**
   - Patient's name, avatar, "Active now" status.
2. **Messages Area**
   - Support for text, images, voice notes, attachments (lab results).
3. **Message Composer**
   - Text input, attachment icon, send button.
4. **Back Arrow**
   - Returns to the Inbox.

User Flow Example

1. Doctor opens chat with a patient.
2. Shares instructions or medical advice.
3. Switches to the **Chatbot** to quickly fetch additional system info (e.g., "Show me the patient's last appointment date.").

---

5. Doctor Profile & Schedule Management

5.1 Doctor Profile

1. **Profile Picture**
   - Circular avatar.
2. **Name & Credentials**
   - e.g., "Dr. Ahmed Khatab, MBBS, MD."
3. **Specialization & Experience**
   - "Neurologist, 5 years of experience," etc.
4. **Clinic / Hospital Info**

- Address, contact, multiple locations if relevant.

5. **Edit Profile**
    - Update personal info, qualifications, biography.

5.2 Schedule Settings

1. **Working Hours**
    - Day-wise start/end times.
2. **Appointment Duration**
    - 15 mins, 30 mins, 1 hour, etc.
3. **Breaks**
    - Insert lunch or personal break times.
4. **Sync with Calendar** (optional).

User Flow Example

1. Doctor navigates to **Profile** → **Schedule Settings**.
2. Updates Monday hours (9 AM–3 PM).
3. Taps **Save**.
4. If needed, asks the **Chatbot**: “When is my next available slot on Tuesday?”

---

6. Earnings / Payment Management (If Applicable)

6.1 Earnings Dashboard

1. **Total Earnings**
    - Summaries by day/week/month.
2. **Transaction History**
    - Payment method, date, amount, status (paid, pending).
3. **Withdrawal / Payout**
    - If doctors can request payouts, show a “Withdraw” button.

6.2 Payment Settings

- **Bank Account Info**
  - IBAN, bank name, account holder name.
- **Payment Methods**
  - Multiple payout options if supported.

User Flow Example

1. Doctor opens **Earnings**.
2. Checks monthly total, sees a list of transactions.
3. Optionally uses the **Chatbot**: “Show me my total earnings for this month.”

---

7. Notifications (Doctor-Specific)

7.1 Notification List

- Appointment updates, chat messages, system alerts.
- “Patient X booked an appointment,” “You have a new message from Y,” etc.

7.2 Notification Actions

- Tapping leads to the relevant screen (Appointments, Chat, Profile).
- **Mark as Read**, **Delete**, or **Clear All** (optional).

User Flow Example

1. Doctor sees a push notification about a new booking.
2. Taps it → goes to **Appointment Details**.
3. Asks the **Chatbot** for a quick summary of the patient’s profile if needed.

---

8. Integrated Chatbot Usage

8.1 Doctor Chatbot Functionality

- **Quick Access to Data**:
  - “Show me today’s appointments,” “List all pending bookings,” “What’s my total earnings this week?”
- **System Guidance**:

    - "How do I change my schedule?" or "How do I reschedule an appointment?"

- **Automated Tasks**:
    - Potentially schedule changes, note-taking, or retrieving patient records.

- **Medical QA (Optional)**:
    - If integrated, the chatbot might offer general medical references or guidelines. (Caution: no direct diagnosis if restricted by policy.)

8.2 Chatbot Interaction Points

- **Dashboard Shortcut**: A "Chatbot" tab or icon to open the bot interface.
- **Contextual Chatbot Prompts**:
    - On the **Appointments** screen, a small prompt: "Ask the bot about scheduling or earnings."

- **Voice or Text**:
    - Doctors can type queries or use voice commands if supported.

User Flow Example

1. Doctor taps the **Chatbot** icon on the dashboard.
2. Types: "Show me any appointments that are unconfirmed."
3. The chatbot retrieves the relevant data from the system.
4. Doctor asks: "Reschedule patient Ahmed's appointment to 3 PM tomorrow," if such an automated workflow is supported.

---

9. Additional Features

9.1 Ratings & Reviews

- Doctors can view or respond to patient feedback.

9.2 Multi-Clinic Support (optional)

- Switch between clinics if the doctor works at multiple locations.

9.3 Telemedicine / Video Calls (optional)

- Start video calls from an appointment detail or chat.

9.4 Logout / Deactivate Account

- Found in settings or profile.
- Confirms with a popup: “Are you sure you want to log out?”

---

10. Doctor Dashboard Flow Summary

1. **Login → Dashboard Home**
    - View analytics, stats, quick links, or **Chatbot**.
2. **Appointments**
    - Confirm, reschedule, or cancel bookings.
    - Use the chatbot for quick data retrieval or scheduling tasks.
3. **Chat / Inbox**
    - Communicate with patients; share instructions, attachments.
    - Switch to chatbot for system queries or appointment updates.
4. **Profile & Schedule**
    - Update personal details, working hours, fees.
    - Ask the chatbot: “How do I edit my clinic hours?”
5. **Earnings**
    - Track revenue, see transaction history, manage payout.
6. **Notifications**
    - Stay updated on new bookings, messages, or system alerts.
7. **Chatbot Integration**
    - Retrieve real-time data, get usage guidance, automate minor tasks.
8. **Logout / Deactivate**
    - If the doctor no longer needs the account or wants to log out.

---

11. How the System Flow QA Chatbot Will Use This Data

- **Doctor-Specific Guidance:**

- “How do I manage my schedule?” → references **Profile → Schedule Settings**.
- “Show me pending appointments” → fetches from the **Appointments** list.

- **Workflow Automation:**

  - Rescheduling an appointment via a simple chatbot command (if the system supports direct updates).

- **Analytics & Earnings Queries:**

  - “What’s my total revenue this month?” → references the **Earnings Dashboard**.

- **System Navigation:**

  - Direct doctors to the correct tab or screen (e.g., “Go to Inbox to chat with patients”).
