**Business Logic Structure - Westchester Myofunctional Therapy**

**1. User Profiles:**

Application will handle three types of profiles: patients, referral sources (doctors/therapists), and therapists (provider). Each profile will have specific data collection, functionality, and access control.

**2. Patient Profile:**

**a. Appointments**:

* Patients can book, view, and manage their appointments (after nonrefundable deposit and only allowed to change once 48 hours before the scheduled visit).
* Therapists can schedule or cancel appointments (unlimited timeonce).
* Notifications are sent for upcoming appointments (week before, day before, one hour before).

**b. Payment**:

* Patients can view their payment history.
* Integrate a payment gateway to allow patients to pay for services (link provided in theapplicagtion).
* After payment, a receipt is automatically generated and emailed to the patient.

**c. Forms**: The patient will be required to fill out various forms before or during treatment.

* **HIPAA Forms**:
  1. Patients will need to sign forms related to HIPAA privacy policy.
* Attendance and cancellation policy
* Consent for billing
* Consent for release of information
* Photo, video, audio release form
* **Myofunctional Therapy Forms**:
  1. Medical History Form:
     + The form collects personal information like name, DOB, phone, email, address, etc.
     + Detailed medical history including prenatal, feeding, developmental, and health conditions.
  2. **Pediatric Sleep Questionnaire**:
     + Assesses sleep-related issues.
  3. **Stop Bang Questionnaire**:
     + Evaluates risk for sleep apnea.
* Speech Therapy forms:
* Feeding therapy form

**d. Sample Referral Form (for insurance reimbursement)**:

* Patients or referral sources can fill out a referral form to refer a patient to the therapy service.

**3. Referral Sources Profile:**

**a. Profile Information**:

* Referral doctors or therapists can create a profile with their name, occupation, NPI number, and contact details.
* Referral sources can be linked to patient profiles and appointments.

**b. Referral Form**:

* Referral sources can fill out the form to refer a patient, which will then be linked to the patient’s profile.
* Thank you emails should go to the referring provider
* Sent follow up email to doctor for

**4. Therapist Profile:**

**a. Patient Folder**:

* Therapists can view and manage patient folders, which will store all patient forms, medical history, and assessment data.
* **Pre-assessment Pictures**: Store pictures taken at various intervals (e.g., one month, six months) for progress tracking.
* **Initial Assessment**: Therapists can input the initial assessment and attach supporting research papers to validate treatment plans.
* Treatment/Diagnosis
* Referral: (names, phone number, websites of Physical therapist, SLP, Osteopath, TT provider, Orthodontist, pediatric dentist, dentist, ENT,....)
* Automatic generated email so go to the referring provider and all treating providers of patient

**b. Exercise Plans**:

* Therapists can create, update, and store personalized exercise plans for patients.
* These plans can include instructional videos or written guides and be linked to each patient’s profile.

**c. Track Progress**:

* Therapists can log session details, update progress notes, and monitor the patient’s compliance with their exercise plans. (pop up notes will show up from the previous session when you click on the appointment)
* Automated notifications will remind patients to complete exercises or other therapy activities/

**d. Reminders/Notifications**:

* Automated alerts can be sent to patients to complete exercises or attend upcoming appointments.
* create a log for patient and if they check off, get prizes (incentive)

**e. Therapist Library**:

* Develop a library of exercises or instructional guides, which can be accessed by therapists to tailor individual patient programs.
* Lunch and learn presentation
* Small educational videos\
* Research papers
* books
* iConnect to other institutes (IAOM, ADA, ADHA, AAPMD, TALKTOOL (?)

**Online store:**

* Supply links/sale
* brochures

**Data Handling & Privacy:**

* **HIPAA Compliance**: Ensure that all patient data is securely stored and handled according to HIPAA regulations, with appropriate access control for therapists, referral sources, and administrators.

**Additional Functionalities: (Marketing?)**

* **Patient, Therapist, and Referral Source Dashboards**: Provide each user type with a dashboard tailored to their role, with quick access to key functionalities (e.g., viewing appointments, submitting forms, tracking progress).dq