SagradaGo Updates

* **NOTE: NPM PACKAGES ADDED**
  + *recharts*: para sa admin charts data analysis
  + *react-markdown*: para sa ai assistant formatting
  + **HEADS UP PROGRAMMERS**
    - Go to your terminal and type this command
    - npm install recharts react-markdown
    - If hindi gumana, try this instead:
    - npm install recharts react-markdown --legacy-peer-deps
    - ---
    - If hindi pa rin gumana, separate it. Do:
    - npm install recharts –legacy-peep-deps
    - and
    - npm install react-markdown –legacy-peep-deps
    - *Note. double dash po sa legacy-peep-deps*
* **FILE STRUCTURE:**
* Under src folder:
  + **components/** folder now has
    - **dialog/** folder: for additional modals like Add New Admin Sacrament Record at Forgot Password
    - **sacrament-documents/** folder: for specific required sacrament form fields needed on form, specifically wedding, baptism and burial
    - **sacramentFormsSpecific/** folder: This is for admin side, to display the specific required sacrament fields like images for wedding form or additional godparents on baptism form. Eto yung nalabas once you choose a sacrament sa Book a Service, tas nagpapakita depending kung anong sacrament pinili mo
  + **components/** folder have new files as well:
    - **ChartLegends.jsx** – for data analytics sa admin dashboard
    - **Chatbot.jsx** – not new, but revised, added system prompt para specific lang sa SagradaGo yung chatbot
    - **SacramentForms.jsx** – Used to display card popup when user clicks VIEW FORM in admin dashboard
    - **~~UploadImage.jsx~~ –** NOT USED NOW / DEPRECATED, but might be helpful if y’all need a new upload image feature
  + **config/** folder has updates:
    - **ProtectedRoute.jsx** – changed employee to admin
    - **UserAuth.jsx** – Added forgotpassword, and fixes on sign up
  + **information/** folder has new file:
    - **getSacramentPrice.jsx** – the prices of sacraments are stored here. Just change the values here and it will reflect on the website.
  + **pages/** folder has h u u u u u u g e updates:
    - **AdminDashboard.jsx** – main file that’s overall changed throughout the update changes. More updates will be shown below**.**
    - **AdminLogin.jsx** – changed employee to admin
    - **ApprovedBookingsCalendar.jsx** – Darken the text colors
    - **ExploreParish.jsx** – fixed the back button. Dati kasi, it routes you to HomePageLogOut file even though you were logged in, so it shows login button kahit naka login ka na. It now routes to ‘/home’
    - **HomepageLoggedIn.jsx** – second main file that has overall changes. Updates will be provided below
    - **HomepageLoggedOut.jsx** – added a checker na if you are logged in, go to HomepageLoggedIn instead. Also darkened text colors
    - **ProfilePage.jsx** – darkened text colors and fixed edit profile error
    - **SetPasswordPage.jsx** – NEW FILE. For forgot password purposes and admin creating a new user account purposes. Has a layout of Admin Log In page. User can change their password here with restriction of minimum 6 characters. They cannot assess more if tinype lang nila sa url yung /set-password. Dapat sa email sila manggagaling.
  + **styles/** folder, only dummy change:
    - **~~DarkTextColor.css~~** – not used, pero dito lang reference ng dark brown text color hex code
  + **utils/** folder is the most focused folder that’s changed with more folders added:
    - **admin-functions/** folder added with:
      * **delete-documents/** folder: for admin purpose of deleting sacrament documents, restoring docus and permanently deleting them. *Has 3 Files*
      * **fetch-documents/** folder: since sacrament has their own table, it contains one file for fetching them from supabase
      * **this folder** has 11 files that most nanggaling sa AdminDashboard. Putting all functions sa AdminDashboard file would be messy to code with kasi lahat nandon na. So, some functions is nilipat as separate file, like exportToCSV, handleSave. NOTE: Not all functions ng AdminDashboard is nalipat, due to different usage of variables
    - **form-functions/** folder added with:
      * **saveSpecificSacramentDocument.jsx** – saving the forms na pinadagdag on their respective tables
      * **saveWeddingDocument.jsx** – since wedding has like around 10 images, a function to save the image on supabase storage is created
    - **form-validations/** folder added with:
      * **baptismFormValidation.jsx** – on baptism forms, it just checks if all fields are filled
      * **burialFormValidation.jsx** – same
      * **weddingFormValidation.jsx** – same, but checking if images are uploaded
    - **blobUrlToFile.jsx** – for uploading images
    - **isUserLoggedIn.jsx** – just for checking if user is logged in
    - **sacramentBookingRestriction.jsx –** eto yung pinadagdag na may amount of days ka sa pagbobook.
* **General fixes:** 
  + import HomePageLoggedIn from './pages/HomepageLoggedIn'; -pinalitan ko HomePage into small letter p
  + added SetPasswordPage
  + Files are created sa utils, since lots of functions are already in AdminDashboard, inilipat ko yung iba sa utils/admin-functions, but not allll functions are in there, for working purposes
  + Routes you to /home if logged in ka na, routes you to / if logged out ka
  + Most light brown text colors changed into dark gold brown text, aside sa SagradaGo sa navbar. Font colors are changed on admin side
  + implemented modular functions separated by file sa most processes, but not all,
  + 52 files po ang update, most are newly added, para mas maayos yung code structure thingy
    - Although: AdminDashboard is meron pa ring 3k lines since more time is necessary para malipat lahat ng functions sa ibang file, pero 3k is better than 5k lines actually, andami nang functions na nasa adminDashboard
* **AI Assistant Update:** 
  + Added System Prompt so that:
    - the Gemini AI will only answer if asked about SagradaGo
    - Has info about SagradaGo Services like Booking a Service
    - if nagtanong si user ng general or hindi sakop ng SagradaGo, it would refuse to answer
  + Improved UI, formatting
* **Sign Up Update:** 
  + Status Removed
    - Pero hindi naremove sa Supabase, just in case y’all might still need it
  + Email validation, dapat may @ at period (.)
  + Mobile Num Validation, dapat magstart sa 09, and 11 digits only
* **Logout Bug Update:** 
  + Fixed yung bug on logging out
    - Before: once u log out, hindi nawawala yung userData sa localStorage, nakakapunta ka pa rin sa /home
    - After Fixed: nawawala na, hindi ka na makakapunta sa /home after logging out
* **Added Forgot Password Update:**
  + User can type their email which system will send a message to their email with link to change their password
* **Book a Service Update:** 
  + Added 2 more service, First Communion and Burial sa choices
  + Added date restriction,
  + Added price per sacrament, can easily be modified sa information/ folder
  + The error message now displays at the bottom instead on the top, so the user can immediately see what’s wrong with no need of scrolling up.
  + **Wedding:**
    - **Added Specific Requirements for Wedding, based sa form provided to me**
    - Three text fields, then the rest, image uploads for documents. All Image uploads are required except for Marriage Contract, Marriage License and Groom and Bride CENOMAR
    - All these specific requirements are stored in separate table, booking\_wedding\_docu\_id, not in booking\_tbl. However, it is referenced with wedding\_docu\_id sa booking\_tbl
  + **Baptism:**
    - **Added Baptism Requirements, based on sent form**
    - All text fields, no image upload
    - All these specific requirements are stored in separate table, booking\_baptism\_docu\_id, not in booking\_tbl. However, it is referenced with baptism\_docu\_id sa booking\_tbl
  + **Burial**
    - **Added Burial Requirements, based on sent form**
    - All text fields, no image upload
    - With checkboxes, boolean values
    - All these specific requirements are stored in separate table, booking\_burial\_docu\_id, not in booking\_tbl. However, it is referenced with burial\_docu\_id sa booking\_tbl
    - Signature is not included, since ...esignature is security risk
* **Donation Update:** 
  + napagana na ituu
  + added optional intercession text
  + added error message if walang amount
  + NOTE: only the database connection ang napagana, not the transfer of amount talaga. That should be added if this donation feature must push through.
* **Virtual Tour Update:** 
  + Changed back button, instead of going to ‘/’, it goes to ‘/home’
* **Profile Page Update:**
  + Edit profile fixed, pinalitan yung updated\_at to date\_created
  + Added padding
* **Set-Password Page:** 
  + Layout ng Admin Login, but only for user to change their password
  + User can access this page if:
    - They request forget password by sending their email, then clicking the link on the email sent to them for verification
    - Admin created a new user account, and user received an invite link that links them to this page so they can set their password
    - Otherwise, user must not be able to access it page with warning error saying they are not allowed there, and direct them to homepage
* **DATABASE SUPABASE UPDATES**
  + **Storage** 
    - Added a ‘booking-documents’ bucket, this contains mga document pictures na iuupload ni user, separated by folders
      * **NOTE PLEASE READ PROGRAMMER:**
        + ALL FOLDERS **(aside WeddingDocuments)** AREHINDI NA GINAGAMIT(since it’s used for the initial required document).
        + **private/WeddingDocuments/** na lang po ang ginagamit, which stores all the images the user uploads for wedding form
    - format of the filename is *mm-dd-yyyy time\_lastname, firstname\_document type\_ groom/bride name.jpg*
  + **Authentication** 
    - URL Configuration, added redirect url /set-password
  + **Database** 
    - Binago yung schema itsura ng onte
    - *booking\_tbl* 
      * *~~added document column~~*(HINDI NA GINAGAMIT, DEPRECATED. Can be removed safely if you desire to)
        + ~~contains the public URL ng document picture ng booked service ni user, which is then reflected sa admin page, na naka View Document (NOT USED)~~
      * Added **price** column; numeric data type
      * Added **paid** column; Boolean data type
      * Added **wedding\_docu\_id** column; uuid data type, *but null default*
        + Foreign key to *booking\_wedding\_docu\_tbl*. This has value if the sacrament is **Wedding**
      * Added **baptism\_docu\_id** column; uuid data type, *but null default*
        + Foreign key to *booking\_baptism\_docu\_tbl*. This has value if the sacrament is **Baptism**
      * Added **burial\_docu\_id** column; uuid data type, *but null default*
        + Foreign key to *booking\_burial\_docu\_tbl.* This has value if the sacrament is **Burial**
    - *donation\_tbl* 
      * changed donation\_amount type from varchar to numeric
    - employee\_tbl changed into *admin\_tbl*:
      * all columns with ‘employee’ in it are changed into ‘admin’
      * employee role column deleted
      * added ‘id’ as primary key
    - *user\_tbl:* 
      * no changes, but user\_status, while still nasa database, is hindi na dinidisplay sa website. Can be removed if desired
    - **Added These Tables:**
    - *booking\_wedding\_docu\_tbl*
      * groom\_fullname: varchar
      * *bride\_fullname*: varchar
      * *contact\_no*: varchar
      * *groom\_1x1*: text link
      * *bride\_1x1*: text link
      * *groom\_baptismal\_cert*: text link
      * *bride\_baptismal\_cert*: text link
      * *groom\_confirmation\_cert*: text link
      * *bride\_confirmation\_cert*: text link
      * *marriage\_license*: text link
      * *groom\_cenomar*: text link
      * *bride\_cenomar*: text link
      * *marriage\_contract*: text link
      * *groom\_banns*: text link
      * *bride\_banns*: text link
      * *groom\_permission*: text link
      * *bride\_permission*: text link
      * *contact\_no*: text link
    - *booking\_baptism\_docu\_tbl:*
      * *baby\_name*
      * *baby\_bday*
      * *baby\_birthplace*
      * *mother\_name*
      * *mother\_birthplace*
      * *father\_name*
      * *father\_birthplace*
      * *marriage\_type*
      * *contact\_no*
      * *current\_address*
      * *main\_godfather*: json type
      * *main\_godmother*: json type
      * *additional\_godfathers:* list of json type
      * *additional\_godmothers*: list of json type
      * *additional\_godparents:* list of json type
    - *booking\_burial\_docu\_tbl:*
      * *deceased\_name*
      * *deceased\_age*
      * *deceased\_civil\_status*
      * *requested\_by*
      * *deceased\_relationship*
      * *address*
      * *contact\_no*
      * *place\_of\_mass*
      * *mass\_address*
      * *funeral\_mass:* ***bool***
      * *death\_anniversary:* ***bool***
      * *funeral\_blessing:* ***bool***
      * *tomb\_blessing:* ***bool***
    - More comments:
      * more foreign keys can be placed, but I personally think baka mas mahirapan sa modify ng code if narestrict ng foreign keys, so we keep the table relationship as it is
* **ADMIN UPDATES BELOW**
* **Admin Dashboard** 
  + Added 4 More Grid Cards
    - Total Admins
    - Total Priests
    - Available Priests
    - Most Common Sacrament (kung anong pinakamaraming sacrament service ang binobook, dito lalabas)
* **Admin Data Analytics Update:** 
  + Added Data analytics and based on organize records, refered sa system recomm
  + 4 Charts
    - Pie Chart, bilang ng user
    - Bar chart, list of pending bookings
    - Donation Line Chart for past 6 months
    - Donation Table Summary
* **Admin Table Design:** 
  + Sidebar
    - the texts now is flex-center, since pag mahaba ang text, hindi na nagfeflex-left
    - Added division on tables being displayed , documents and users sa Management Part
  + Color Hover when your cursor is on the table
  + User ID on the tables are now replaced with User firstname and user lastname, with uihh database queries
  + Order of the columns are replaced, nauuna lagi ang names,
  + Table: Designs are changed
    - Gender columns now has blue pink or gray colors
    - Yes/No columns has green red colors
    - Email columns has now email icon na naka font-mono
    - Mobile Num columns has call icon
    - Booking Pax column has person icon
    - Booking Status column has yellow green red icon
    - Donation Amount column has Peso sign na and green bg color
    - Sacraments have now VIEW FORM column to see their specific form values like wedding images
    - Document id now has font mono and gray background
* **Admin Sacrament Bookings Separated Table:** 
  + Based sa Separate the kinds of reports and organize the handle records recommendation
  + Since Booking Table has like, 6 sacraments now, it’s better to have a dedicated table for it, from Wedding to Burial
  + VIEW FORM for each record is provided to see the sacrament form services the user has submitted. This revolves on:
    - * Wedding document images uploaded
      * Baptism names
      * Burial information
    - This feature displays a modal
  + All filters search and add edit delete working
  + Editing a Sacrament form will display an option to change if the service is paid or not yet as well.
  + All data here consists of booking\_tbl, separated by status
  + **NOTE:** the code dito is halos kinopya ko sa original nyo, however, all variables na gamit noon is nadoble. Example. if the variable you used is setPage for the original table, i created a setSacramentPage for this table para hindi connected yung Filters, Controls and such for each table.
    - **NOTE 2:** Kaya if you will notice on utils/ folder, lots of admin functions (usually handle.jsx functions) are placed there, since the original functions needs their sacrament versions. Example:
      * handleAdd ang original function. I created handleSacramentAdd
      * handleCloseDialog to close the dialog function, I created handleCloseSacramentDialog
      * There are some handle functions that are still in AdminDashboard.jsx, but I decided to not separate it to utils/ folder muna.
  + ADD NEW on Admin Sacrament restricts the Sacrament textfield. Furthermore if sacrament is wedding, burial or baptism, it has specific required fields na magdidisplay under the form as well. Required to be filled up.
  + ADD NEW button now makes booking\_status as disabled
    - It has an AdminSacramentDialog file, since mas dadami sobra if nilagay ko sa AdminDashboard
  + 2 new columns added on sacrament booking table, **paid at price**. You can click the edit icon and edit it if user already paid the booking or not yet.
* **Admin Tables Update:** 
  + ‘Table’ title changed to ‘Management’
  + ‘Bookings’ changed to ‘All Sacrament Bookings’
  + ‘Employee’ changed to ‘Admin’
* **Admin Delete and Restore Update:**
  + It’s not noticeable, however, notice we have new database tables right? It might display here, but nope it wont, since those new database ***booking\_{sacrament}\_docu\_tbl*** tables are secondary tables. Deleting the original booking\_tbl will also subsequently delete their foreign keyed booking\_{sacrament}\_docu\_tbl as well.
  + Also restoring the original booking\_tbl will restore its connecting secondary {sacrament}\_docu\_tbl tables.
  + Permanently deleting the wedding sacrament will also delete the images uploaded on storage bucket-documents. However, it wont be deleted if you moved it to trash only on ‘delete-records’ table.
* **Admin Export to CSV now working on all tables**
* **Admin Create User Account Update:** 
  + Mobile Num Validation
  + BDay Validation added
  + Gender Validation added, dapat pumili gender
  + Email Validation added
  + Removed password and changed password
    - Instead, once admin creates the account, it will send an invite email link imbis na temporary password tas once user clicks the link sa email, it would direct it to /set-password where user can set their own password
* **Admin Add New Donation Update:** 
  + Added User on Donation so you can now input donations
  + Again, only database connection no payment implementation talaga
* **Admin Add New Requests Update:** 
  + Added User on Requests, but Document ID can be optional muna