**Salk Task List Phase - II**

**WEB**

* **Coordinator**
  + Store Organization information of coordinator
  + Auto populate address from the organization
  + First time need to enter the detail of the organization
  + Add Question category i.e screening, 1st visit, 2nd visit ..etc
  + Add/Edit/Delete Question for category wise
  + While adding a question need to select the terms and condition that following the IRB
  + Validation to restrict rejected participant signup for same research study
  + Add new button "Schedule meeting" & "Reject" functionality and remove the "Approve" button form the participant listing page
  + Appointment schedule email will be sent to the participant
  + Add "Today's appointments" menu
  + On clicking the button, participant list will be displayed
  + Add "Clinical investigation" button
  + On clicking, form to enter investigation report of each participant will appear
  + Auto suggest on adding email
  + On submitting the report, the participant will be activated and the access code will be generated
  + Investigation detail page of participant
  + Tab to display the record of each visit
  + Add/Edit/Delete of investigation report
  + Save the weekdays and weekend information of each participant
  + Set timer for recording weights
  + Set timers for recording blood sugar or any other parameter the participant is supposed to measure at regular interval
  + Set timer for taking medications
  + Send the push notification to the participant as per the set timings
  + CRUD for encouraging notes
  + Send the encouraging notes for completing - day 1, day 2, day 3, day 7, 2 weeks.
  + Push notification to measure the false positive and false negative rates
    - Depending upon the last day activity notification will be sent
    - Only 10 push notification will be allowed for each participant

* Landing page
  + Display of the ad related to research study on the landing page
  + On clicking the ad, it will redirect the user to the participant sign up page
  + Where the research will be selected and the questions will be displayed
* Sign Up
  + There will be a captcha either a question or image.
* **Participant**
  + On participant signup, an email will be sent to the participant which will say that your application is pending for review by coordinator
  + Send group of participant email to the coordinator once a day
  + On approve, approval email will be sent with the access code, next lab visit date and the link to download the app
  + On Reject, rejection email will be sent
  + Drop out functionality, where study coordinator can disqualify a participant in between the research process like inactive
  + Notify the coordinator if any participant is not active for some period
  + (add a cron job, which will check the activity of all the participant, if a participant is not active for like 2days(set by admin), then notification email will be sent to the coordinator)
  + Enable/Disable option for notification
  + Add option to disable account(if mobile has stolen)
  + Generate Feedogram as per the filter data
* **API**
  + Send appointment schedule while activating the participant
  + Save the image, annotation and time information
  + Send common food list in asc order of most frequently used
  + Send feedogram with pictures
* **Push Notification**
* **Mobile**
  + Fetching the appointment information from the server and update the device calender and app calendar
  + Add menu to view calendar
  + Alert participant regarding the appointment
  + On opening the app, call the API to authenticate the participant
  + New tabs to "take picture" or to select "common foods"
  + Take picture
    - Implementing the camera feature (square image)
    - Resizing the image option (image should be < 300KB)
    - Saving the picture in the local storage
    - Displaying the image in a view with functionality to add annotation(auto complete) and timing(timepicker with after/before)
    - Saving the newly added annotation in the local storage
    - Display 4 bins like food, beverage, water & medication
    - Drag & Drop functionality to add the image to the bin
    - "Send" button to send the data
    - Verify the internet connection. if exist then call the API, else store in the local db
    - Check the internet at regular interval, and send the data if exist
  + Common Foods
    - Display the common food from local database with image in a list view (Maintain the count of repeated used food, it will be used to display in asc order and add indexing)
    - Clicking on the common food, display alert message with time picker and before/after wheel
    - Display 4 bins like food, beverage, water & medication
    - Drag & Drop functionality to add the image to the bin
    - Verify the internet connection. if exist then call the API, else store in the local db

**SHL**:

Calling web service while no internet

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View will appear:

1. check for internet

if yes; check db for false status

if yes;

show the data sync loader and call the api and send files and update the status as true

send button clicked:

1. check for internet

2. if yes, then save the status as "TRUE" in DB and call the API and send files

Show dialog with success/error response

3. if no, then save the status as "FALSE" in DB

Show dialog with data saved

4. if the limit reached, then ask for internet connection

Show dialog "To continue need internet connection"

5. if he do the internet connection step 2

6. If any thing went wrong, and did not able to get the success or error response, do not change the database

7. Depending upon the success/error response do the needful in the database

8. Validate the food and eating time for the same entry that is for same food name at same time