# Android/iOS app for patient

* Technology
  + Mobile app - PhoneGap or React Native. Communication should be API based
  + Server side – NodeJS
  + Database – MySQL, MongoDB( for storing images like profile photo, prescription etc.)
* Login Screen – new user
  + Allow login with user name as mobile number and password as any character between 6 and 20. No combination or restriction
* Launch of application
  + Select location – current support should be Patna and Jamshedpur
  + Choose clinic – choose clinics of selected location
  + Recommend doctor – allow feeding phone number and name of doctor
* Choose clinic
  + Allow search – specialization, location, name
  + Filter – next phase
  + List doctor with button book
    - Should show specialization like pediatrician
    - Location (area)
    - Higher qualification like MD
* Choose doctor
  + Notice board - Allow real time notice to patient (if any). Ex. Doctor is out of town on emergency visit etc. this will be pop up after choosing clinic
  + Doctor summary at the top section of page
    - Photo
    - Specialization
    - Location
    - Currently open or not
    - Timing
  + Live feed
    - Queue number doctor is attending
  + Location info
    - Full address of doctor
    - Google map – phase 2
* Book appointment
  + Show slot for today –this will be default
  + Next day – on touch
  + Date selector – this should be enabled based on setting in database. Ex. If doctor allows booking for next 2 days then app should keep data enabled for next 2 days and rest days should be disabled
  + Show slot with
    - Doctor name
    - Specialization
    - Location
    - Button “Book” at the right side. Keep it disabled if doctor is not available at that time. This should come from backend after configuring by admin
  + Show confirmation message after booking and redirect to home page
* Status bar at bottom of application
  + Show home button
  + Live feed button-
  + Camera to capture prescription and upload feature that should be linked to doctor and visit - phase 2
  + History – old visit list.
    - This should have feature of providing feedback that should have enabled/disabled feature. Doctor may not like to have feedback from patient – phase 2
  + Account
* **Live feed** - it will redirect to live feed status. Should pull last queue number with some more messages like my queue number
  + Show live feed
  + Allow cancel
  + Allow reschedule – redirect to “book Appointment”->”slot”
* Push notification
  + Send push notification if last 4 patients from my queue number went to doctor. This should be configurable but applicable to application not clinic
* Settings
  + Profile creation
    - Customer can feed personal data
    - Refer friend
    - About Us
    - Rate Us
    - Log Out

# Android/iOS app for reception in clinic

* Login – this will be a SAS based
  + Pre-created account for clinic
  + User ID
  + Password
  + Clinic unique ID
* Change password
* Log Out
* Allow option to choose current booking and future booking
* Future booking should just show booking list with disabled action
* Show current booking list
  + Show list based on slot
  + Show cancelled booking
  + Allow to confirm when patient is visiting doctor
    - This will update server so that other patients can see the live feed
  + Mark unattended – if patient booked appointment, didn’t cancel and didn’t come to visit doctor
  + Show count of attended patient by doctor
  + Show count of pending patient list
  + Book appointment on behalf of patient – this includes booking on visit or on call

# Web responsive app for doctor

* Login – this will be a SAS based
  + Pre-created account for clinic
  + User ID
  + Password
  + Clinic unique ID
* Change password
* Log Out
* Dashboard
  + All the features of reception app
    - Note – record specific comments - phase 2
    - Allow seeing comments given in past to patient – phase 2
  + Historical report
    - Show daily/weekly/monthly/quarterly report of patient visited with graph
  + Search and show patient’s past visit and detail – phase 3
  + Allow doctor to see medicines given to patient in past – phase 3
  + Allow doctor to search and choose medicines and print in prescription – phase 3