Cuddle – The Perfect Motherhood

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Abstract- *As we know that Infants weight, height, growth, food, vaccination and doctor appointment are important for parents. So we selected Android Based Mobile application for the project which name is "Cuddle" (The perfect motherhood). This application will help parents to connect with doctor and our features. Our main aim is to give best care for children.*

Keywords- Doctor, Infants, Mother, Father

I. INTRODUCTION

This project is for smart infant care. Sometimes reach the hospital for woman with   baby is too difficult. Here i have found a different solution for that   problem.

We don't need go hospital for small diseases we can do it by sitting at home and by just one click we can get the required services. We will manage it in our secure database so no worry of data theft.

The basic function of this system is managing child information/details.

We provide parents to growth-chart feature relate to child age. We also provide height and weight for child (1 to 12 month).

We also provide nearest hospital for parents in emergency situation. Parents chat with doctor. Chat include image, video feature. Parents receiving notification for appointment and vaccination. The user can submit their feedback, review and rating as per their experience.

II. LITERATURE REVIEW

The investigation of the idea was taken place and it was known that most of the doctors and parents to handle this situation. There are more than 300 digital marketing companies in India and many more worldwide. According to the current scenario, the parents are busy and the child care and vaccination is important for their. The purpose of this project is to support the provision of expert consultation, analysis in child care and research.

Current system is manual and partially computer rise and is no completely online system.   Currently there is no particular system like we will prepare. Current system has not facility of get notification for vaccination and remainder.

Baby care app provides only infants movements, mood, growth-chart and symptoms. It is not contain vaccination and appointment remainders.

Hi-mama parent is app provides infant growth-chart, food, fluid and sleep records but not provide remainder for appointment and parents cannot ask advice for child.

WHO Hospital care is also application for new born baby care. This is includes child diseases advice and daily reports only. Most low –income parents learn about their child's provider from friends and family members.

In Cuddle, we provide growth-chart, food tips, notes and remainder for appointment and vaccination.

So, low-income parents are downloading our application and get expert advice from doctor and best care for their child.

We will try to make our application free for all users from platform.

This system is a mobile based system for smart infant care and is specially created for the woman because is hard for them to best care of her child. The registered parents can add child details and ask question to doctor. Doctor view question and give advice. Parents get appointment from doctor. Parents also receiving notification for vaccination. We include food tips for 7month to 2 years babies.

In emergency situation we also provides nearest hospital for parents.

III. METHODOLOGY

Cuddle - an android application will work on all android devices. The main purpose of this application is to make work ease for the parents whose schedule is busy and hopes Their children finest care.
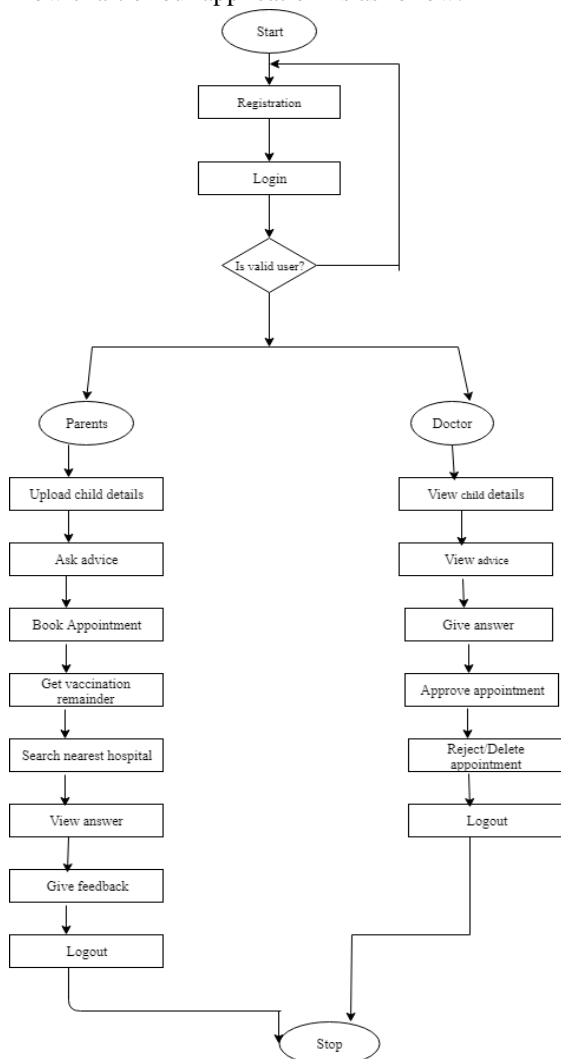
During our research we found out that there is no such existing android application in real world for best child care.

Thus we are interested in developing an application which would surely make a difference to the digital world.

The application will work in following way:

i.   Parents have to Login or Signup in the application.
ii.   Doctors have to Login or Signup in the application.
iii.   Parents can add child details and see features related to query.
iv.   Parents can ask advice for diseases.
v.   Parents can ask advice for height and weight.
vi.   Doctor view advices and give Answer.
vii.   Parents book appointment.
viii.   Doctor approve or reject appointment.
ix.   Parents get notification for vaccination.
x.   Parents give feedback for our application.

Flow chart of our application is as follow:

IV. SPECIAL FEATURES

The idea to this application was inspired by one of the existing application named WHO hospital care which allow parents to ask advice for diseases. In that application parents login the system then see different features like daily reports and notes.

Thus, inspired by that, we are converting that idea in a way that would be helpful to parents who have low-income and stressful for their child. Thus, it makes our idea of the project unique as there is no such existing android application for infant care.

Unique Features:

• Instant advice: This is one of the main feature for parents to ask advice related to food or diseases to doctor.
• Doctor give advice related to query.
• Book Appointment: parents book appointment for child checkup.
• Approve/Reject Appointment: Doctor approve or reject appointment relate to their schedule.
• Vaccination Remainder: We make 0 to 5 years babies vaccines chart. Registered parents add child details and get notification for vaccine.
• Notes: child have any allergy or diseases then parents ask any doctor quickly.

V. CONCLUSION

As we can see this may help the parents to remember the vaccines and the appointments. Parents no need to worry about for their baby's finest care.This also helps in their basic need of medication. Here parents and doctor are in the environment where they are communicated and well informed.

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