# REVOLUTIONIZING MATERNAL HEALTHCARE Dould line to the second seco



# DoulAI's Mission

Ensuring all mothers, including low-income women, have access to affordable and comprehensive pregnancy resources; empowering them with education, support, and quality care.



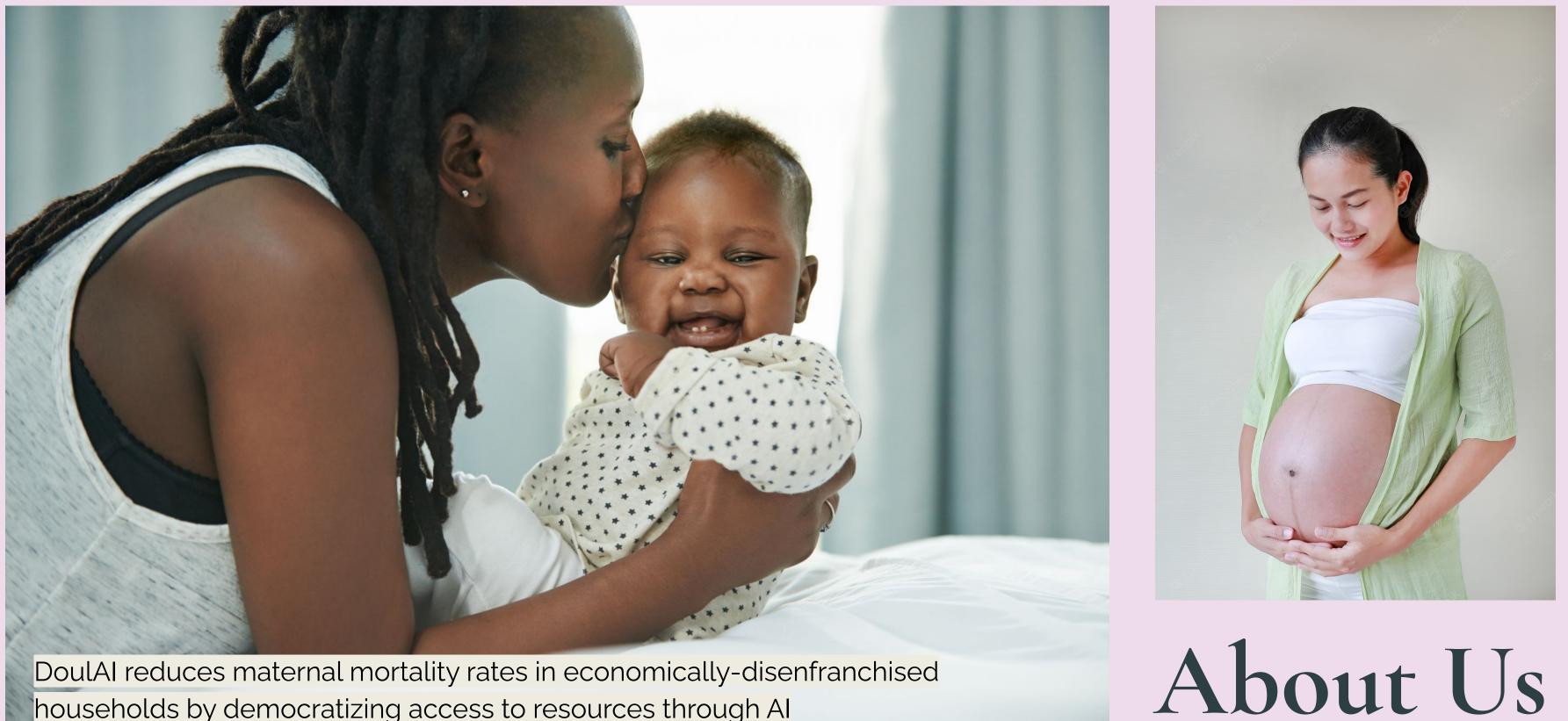
# ABOUT DOULAI We believe that quality healthcare is not a privilege, but a right.

At DoulAI, we are united by a passion for data-driven solutions and empirical understanding.

Our journey began with a startling discovery: staggering disparities in maternal mortality rates among marginalized populations. The most significantly affected were low-income individuals, but our extensive research also revealed that those obstructed by language barriers were disproportionately victimized by maternal mortality. Motivated by a desire to reduce these alarming figures, we developed our unique application, designed to target these deeply-rooted issues. Acknowledging the challenges of affordability in maternal healthcare, we've made our solution accessible through a one-time, inexpensive fee, determined by engaging with prospective customers through surveys and questionnaires. Moreover, to tear down the language barriers that prevent essential healthcare access, our application offers features and resources in over 90 languages.

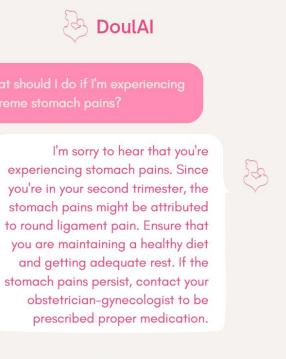
With DoulAI, we're not just leveraging technology; we're nurturing lives, building communities, and striving for a world where quality maternal care is a right, not a





households by democratizing access to resources through AI

# DoulAI's Features



www.doulAl.org

## Chatbot

On-command resource availability with Doula



## Tasks + Calendar

Tracks pre/intra/post-partum cycles to better estimate natal events

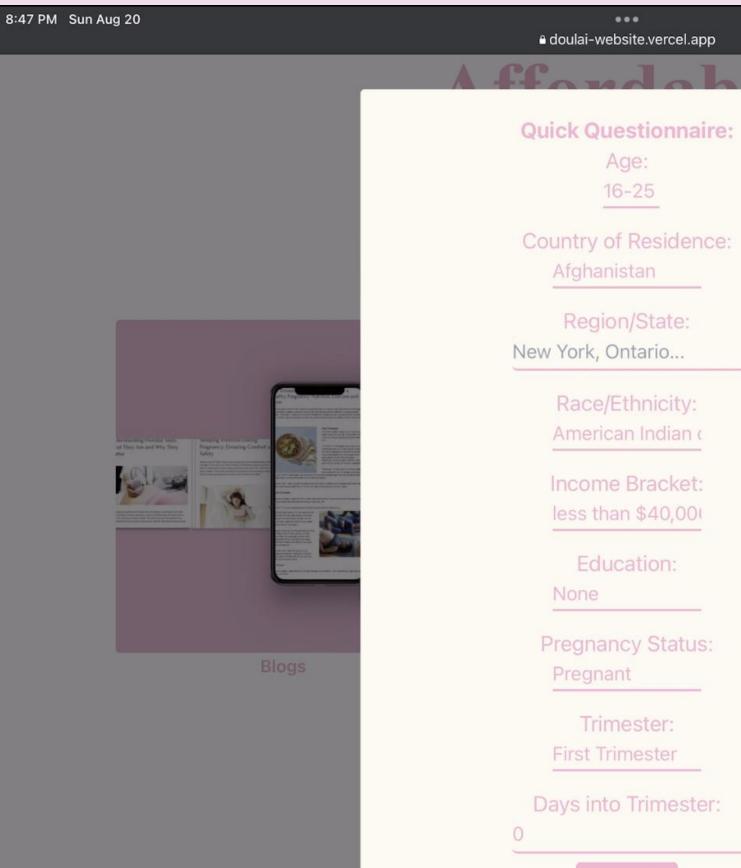


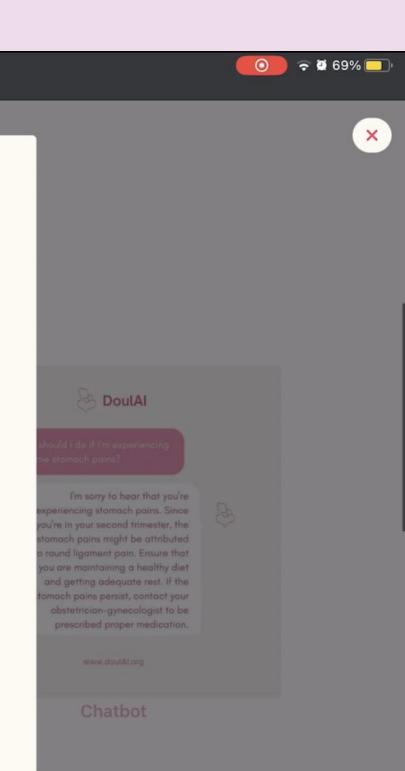
## Blog

## Informative articles undergoing review by obGYNs



# $\left( \right)$







What should I do if I'm experiencing extreme stomach pains?

> I'm sorry to hear that you're experiencing stomach pains. Since you're in your second trimester, the stomach pains might be attributed to round ligament pain. Ensure that you are maintaining a healthy diet and getting adequate rest. If the stomach pains persist, contact your obstetrician-gynecologist to be prescribed proper medication.



www.doulAl.org

# Doula Chatbot

#### Provides round-the-clock comfort, empowerment, and

guidance

#### CHAT WITH OUR LATEST CHATBOT DOULAI FEATURE



#### Jane Doe

Hey DoulAI, I'm having some extreme cravings for sweets. Is this healthy?

#### DoulAI

Hey Jane, cravings for sweets are completely normal! You may be approaching your second trimester.



#### Jane Doe

Sounds exciting! Thanks for letting me know, DoulAI!





@doulAl2023



## DoulAI Chatbot

- Available 24/7
- Trained on billions of available medical data
- Usable from the comfort of your own home
- Self-servicing tool
- Offered in 100+ languages to eliminate language resource disparity

# Tasks + Calendar

Liberating users from stress caused by

unforeseen natal occurrences

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11	12	13	14	15	16	
18	19	20	21	22	23	
25	26	27	28	29	30	



## Input Name of Task

*Type something...* 

Choose a Category

Open dropdown...

Determine Repitition

Open Calendar...

# Tasks

- Tasks can be added, removed, and edited
- API-recommended tasks
- Doctor-recommended tasks



#### **OPTIMAL DIET FOR PREGNANCY: FOODS** TO INCLUDE FOR YOU AND YOUR BABY'S HEALTH

A balanced diet during pregnancy is crucial for your health and the development of your growing baby. The nutrients you consume from various food groups serve as building blocks for your baby's cellular growth and function.



# Blog Articles

derstanding Prenatal lests: hat They Are and Why They itter



ney to parenthood is filled with anticipation, excitement, and a fair of anxiety. During pregnancy, several prenatal tests are performed to the mother and baby's health. This article aims to demystify these explaining their purpose, importance, and the information they provide.

#### Sleeping rositions During Pregnancy: Ensuring Comfort a Safety

Getting a good night's sleep during pregnancy can sometimes be a cha Changes in the body can make finding a comfortable sleeping posdifficult. Additionally, some sleeping positions are safer than others for baby's health. This article provides an everview of recomme positions during pregnancy to ensure both comfort and safety.



#### althy Pregnancy: Nutrition, Exercise and

ng a baby is one of life's most joyous experiences, but it also brings a feir share of challenges ities. A healthy pregnancy is a journey that requires care and attention throughout each . This guide will take you through a trimester-by-trimester journey, highlighting the importance rition, regular exercise, and other key factors contributing to the health of both mother and



**First Trimester** The first trimester, weeks 1 to 12, marks the beginning of your journey. It's a critical time hen your beby's organs and systems start t

"Nutrition": In this stage, it's cruciel to consu

a balanced diet rich in vitemins and minerals. Folic acid is aspecially important to prevent neural tube defects, so incorporate foods lik leafy greens, citrus fruits, and beans. Additionally, focus on lean proteins, whole grains, and a variaty of fruits and vegetables

"Exercise": Physical activity is usually safe, It's an excellent way to manage weight gain r mood. Try exercises like welking, swimming, and prenatel yoge. However, elways consu hoars provider before starting any exercise program

onel Tips": Keep yourself hydrated, and avoid elophol, ceffeine, and unpesteurized foods. Reg heck-ups are essential to monitor your baby's development and your health

mester, weeks 13 to 27, is often referred to as the "honeymoon period" of pregnancy a mess often subsides and energy levels may rise.

s extra nutrients during this period. Ensure yo

ough calcium for your baby's bone tent from sources like deiry products, s, and fortified foods. Include Iron-rich e lean meets and lentils to help create od cells for your baby.

Continue with the activities from the ester. As your bely grows, you may modify your exercise routine. Avoid es that involve lying flat on your back e first trimester, and listen to your body overexaction.

tional Tips<sup>--</sup>: Start doing paivic floor sas to strangthan muscles for childbirth riy apply a moleturizer to your growing revent stretch marks.

mester, weeks 28 to 40, is when the baby grows rapidly. You'll experience weight gain an

#### sential Vitamins and Supplements for a althy Pregnancy

alays a significant role in a healthy pregnancy, and sometimes, diet alone is not enoug onal needs of a mother and her growing bady. That's where prenatal vitamins and su Here are some essential vitamins and supplements recommended during pregnancy.

ONE A D

"Folic Acid": Folic acid is c and spine. It's recomme during pregnancy.

3. "Calcium". Calcium is ess bore development. If a pregnant woman doesn't consume enough calcium, her boc her bones to give to the baby. Pregnant women should aim for 1,000 mg of calciu

D\*: Vitamin D works in conjunction with calcium to help the baby's bones and tee ential for healthy skin and evesight. Pregnant women should aim for 500 internation in D daily



preventing neural tube defect early development of the bab women take 400 to 800 micr (mog) of folic acid daily before

2. "Iron helps both the and baby's blood carry oxyge Prognant women are advised milligrams (mg) of Iron per day

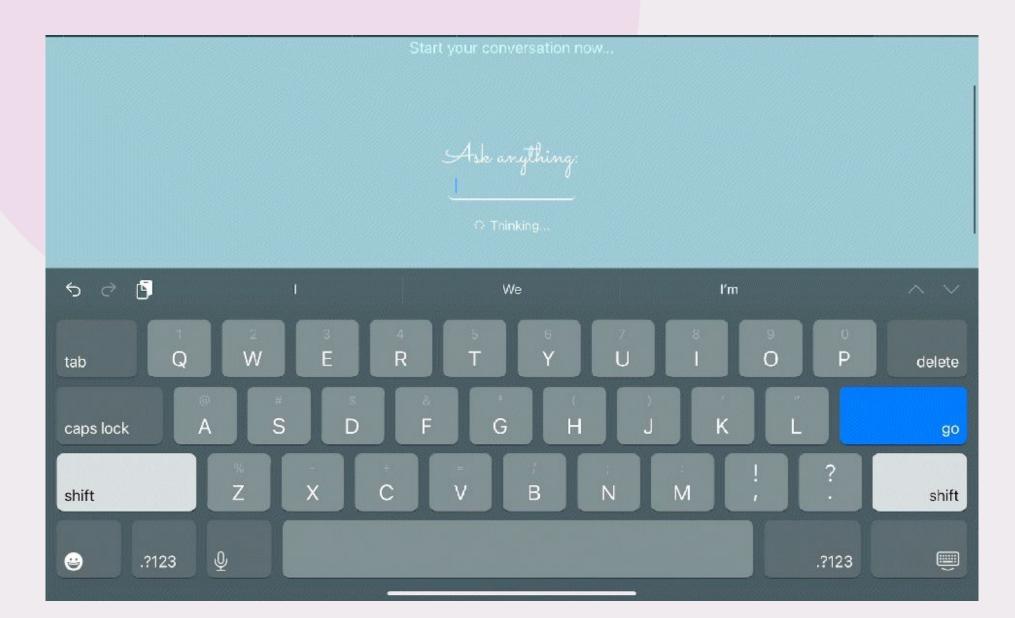
- 25 blog articles
- obGYN reviewed
- Pre-partem, intrapartum, and postpartum

1. "The Trimester-by-Trimester Guide to a Healthy Pregnancy: Nutrition, Exercise and
2. "Understanding Prenatal Tests: What They Are and Why They Matter"
3. "Navigating Pregnancy: Common Symptoms and How to Alleviate Them"
4. "Mental Health During Pregnancy: The Importance of Mindfulness and Self-Care
5. "Optimal Diet for Pregnancy: Foods to Include for You and Your Baby's Health'
6. "The Role of Regular Exercise in a Healthy Pregnancy"
7. "Pregnancy and COVID-19: What To Know And How To Protect Yourself"
8. "Sleeping Positions During Pregnancy: Ensuring Comfort and Safety"
9. "Navigating Maternity Fashion: Comfort Meets Style"
10. "Preparing for Childbirth: Breathing Techniques, Labor Positions, and More"
11. "Creating a Birth Plan: Key Considerations and Tips"
12. "Essential Vitamins and Supplements for a Healthy Pregnancy"
13. "Navigating Pregnancy with Chronic Conditions: Diabetes, Hypertension, and Mo
14. "Understanding Postpartum Care: What to Expect After You Give Birth"
15. "Healthy Recipes for Expectant Mothers: Nutritious and Delicious"
16. "Planning Your Maternity Leave: How to Make the Most of Your Time Off"
17. "Safe Travel During Pregnancy: Tips and Precautions"
18. "Understanding and Preparing for Changes in Your Relationship Post-Baby"
19. "Debunking Pregnancy Myths: Facts Every Expecting Mother Should Know"
20. "Choosing the Right Prenatal Care Provider: What to Look For"
21. "Pregnancy and Your Career: Balancing Motherhood and Professional Goals"
22. "Preparation for Parenthood: A Guide for Soon-to-be Parents"
23. "A Guide to Eco-friendly Pregnancy: Sustainable Choices for Expectant Mother
24. "Postnatal Fitness: Getting Back in Shape Safely After Pregnancy"

25. "Bonding With Your Baby in the Womb: Activities and Benefits"

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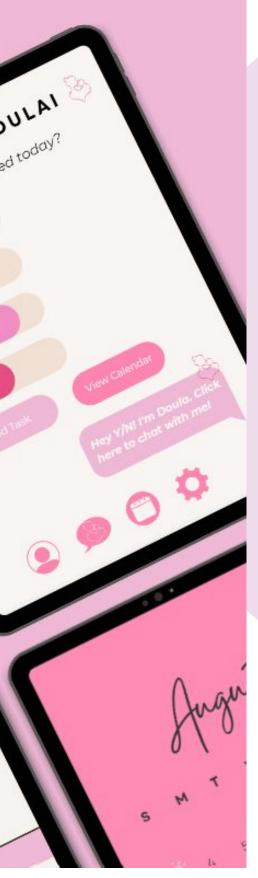
DoulAI	HOME CHAT TASKS BLOG PROFILE SETTINGS
HE	ELLO Y/N!
	SELF-CARE
	EXERCISE
	TAKE MEDS
	VISIT DOCTOR

WWW.DOULAI.ORG

# IOS Application **DOULAI'S** WELCOME TO **DOULA!** What have I accomplished today? **IOSAPP** Flet (Python framework) Todawy & Oheck List and Trimester

@doulA12023







# Partnerships **UALR Children International Planned Parenthood** March of Dimes Virginia Department of Health



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Home Programs Get Involved! Resources Contact Book Online

## The Future of Maternal Healthcare is Here. Experience Health and Wellness with DoulAI.

SELF-SERVICING MATERNAL CARE APPLICATION

DOWNLOAD NOW

🌲 😱 vanya shrivastava 🗸





# VIRGINIA DEPARTMENT OF HEALTH

To protect the health and promote the well-being of all people in Virginia.

## Maternal, Infant and Early Childhood Home Visiting Program (MIECHV)

TAM ALL WOMEN

## SAM

ALL PREGNANT WOMEN

## SOM

ALL PREGNANT WOMEN IN THE US



# Market Size Across Sectors



### 20.2% CAGR



AI in Healthcare

\$14.6 billion

eHealth Apps \$1.84 billion



## 17.2% CAGR



## AI in Pregnancy \$217.3 million

# Bricing Standard

Chat with Doula Task List Calendar Integration Limited Personalized Resources

Chat with Doula Task List Calendar Integration Unlimited access to Verified Blog Articles

\$10

\$15



