

Mother and Child Haven

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HAVEN

OVERVIEW

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A large, irregular pink brushstroke shape serves as a background for the text.

*Why did we choose the
name Haven?*

Haven تعني الملاذ أو الملجأ

والأم هي ملاذ الجميع لذلك سيكون **Haven** ملجأ للأم والطفل

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ABSTRACT

The Haven project supports parents in early parenting, from pregnancy to the first three years of a child's life. It offers tools to track fetal growth, vaccinations, nutrition, and doctor visits, while highlighting complications and medical conditions. The platform uses awareness videos, real-life stories, and AI to understand a baby's crying, educating both mothers and fathers. In short, Haven simplifies parenting, helping parents save time and provide a better life for their children.

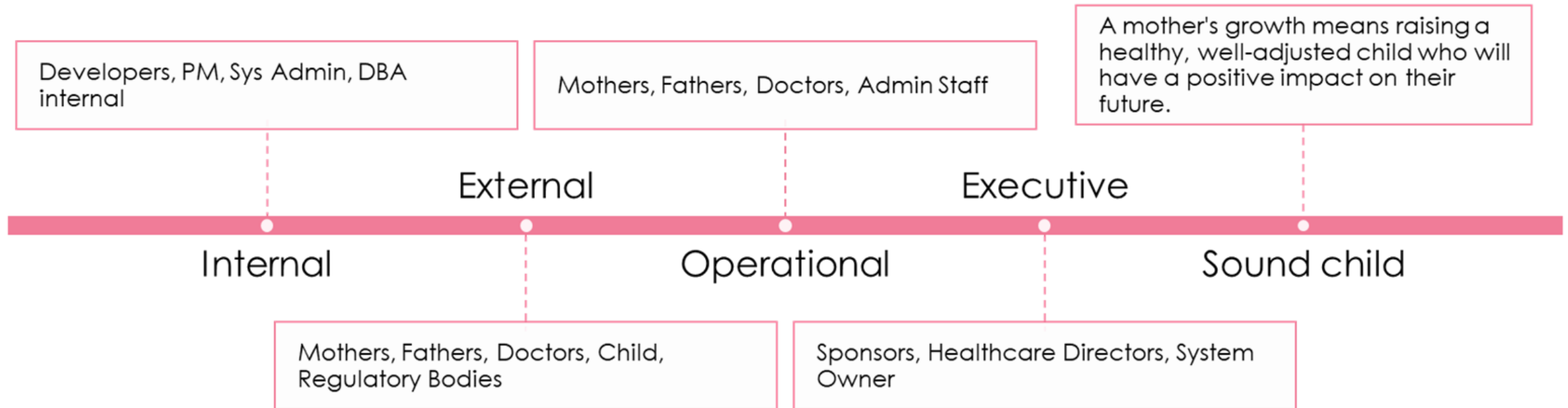


Problem Statement

Mothers, especially first-time mothers, face significant challenges, including newborn care and maintaining their mental and physical health. Key challenges include:

- **Lack of reliable information and resources.**
- **Conflicting advice online, making it hard to apply culturally relevant practices.**
- **Feelings of isolation and lack of community support.**
- **Difficulty tracking health appointments and managing schedules.**
- **Negative impacts on maternal mental health, such as anxiety and postpartum depression.**
- **Lack of awareness among fathers about their roles in supporting the mother and child.**
- **Mothers sometimes cannot understand why their baby is crying, especially in the first weeks.**

Stockholder



Related Work

Feature	Haven	Supermama	BabyCenter
Content Focus	Focuses on motherhood, nutrition, growth, and psychological support for mothers.	Provides information on pregnancy, childbirth, and parenting.	Covers comprehensive information on pregnancy, childbirth, and child-rearing.
Scope of Services	Comprehensive system for child care from pregnancy to age 4.	Focuses on pregnancy and early motherhood.	Personalized content based on pregnancy stage or child's age.
Maternity Support	Personalized support for mothers, including reminders for vaccinations and doctor visits.	Offers general advice for pregnancy and motherhood.	General advice for pregnancy and motherhood, with tools like a due date calculator.
Information Source	Relies on trusted sources like doctors and nurses.	Relies on articles and community experiences.	Relies on trusted medical sources with oversight by medical advisors.
Appointment Reminders	Automatic reminders for vaccinations and doctor visits.	Does not provide automatic reminders.	Automatic reminders for important appointments like vaccinations.
Development Stages	Divides information into pregnancy, birth, first year, and early childhood.	Focuses on pregnancy and early motherhood.	Organizes content based on pregnancy and child development stages.
Parental Support	Includes advice on the father's role in emotional and psychological support for the mother.	Provides general tips for mothers.	Offers general tips for both parents but does not emphasize emotional support for the mother.
AI Support	Uses AI to understand a baby's needs from their voice.	Does not provide AI-based support.	Does not provide AI-based support.

Functional Requirements

Functional requirements are divided into:

**Mother's
Functional
requirements**

**Father's
Functional
requirements**

**Administrative
Functional
requirements**

**Doctors'
Functional
requirements**

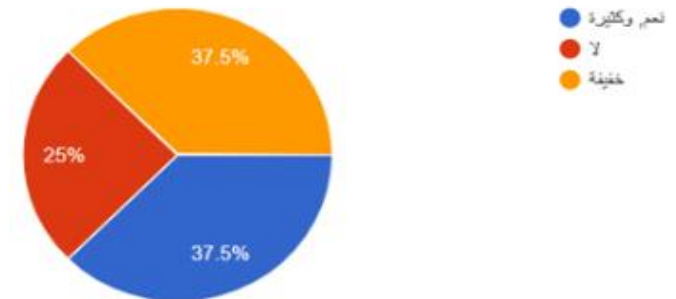
Functional requirements were identified and collected through:

- **A survey on pregnancy, childbirth, postpartum, and the most prominent challenges**
- **Ask of mothers on the ground about their needs**
- **Ask of mothers from various backgrounds, both educated and uneducated**

هل كان وحامك صعب؟

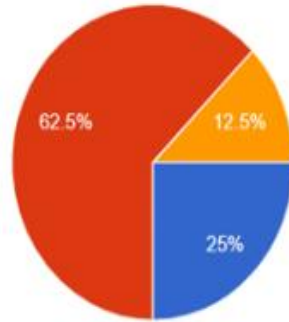


هل عانيتي من تقلبات مزاجية في الحمل؟



فيما مدى صعوبة الطعام؟ 🍽️

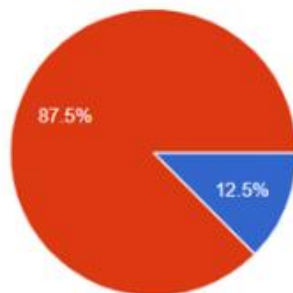
- صعب جدا
- متوسط الصعوبة
- سهلة



👶 حياة ما بعد الولادة

كيف كانت الأسابيع الأولى مع طفلك؟

- اجميلة وسهلة 😊
- صعبة لكنها تستحق التعب 🥰
- متعبة جدًا 😫



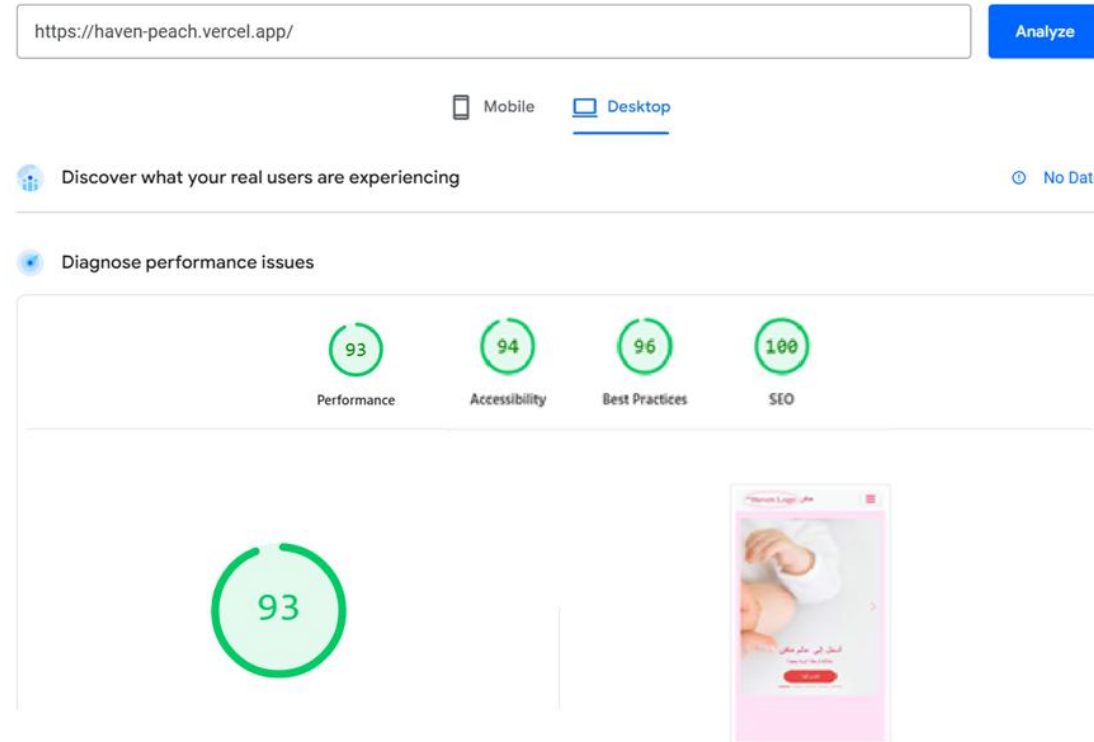
نسخ الرسم البياني

نسخ الرسم البياني

Non-Functional Requirements

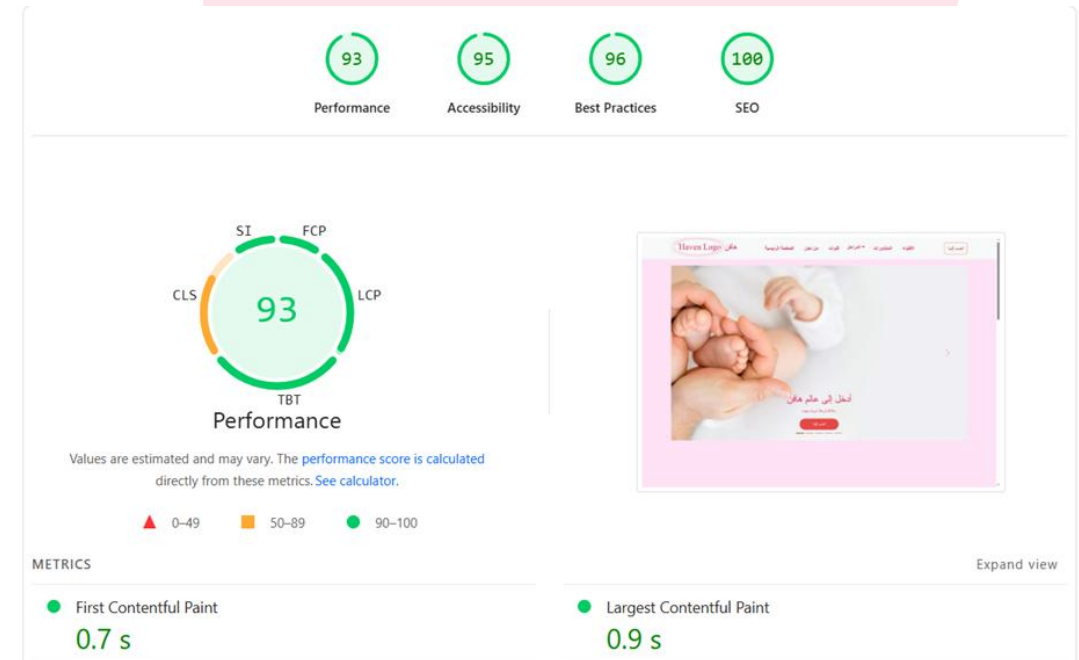
- Performance

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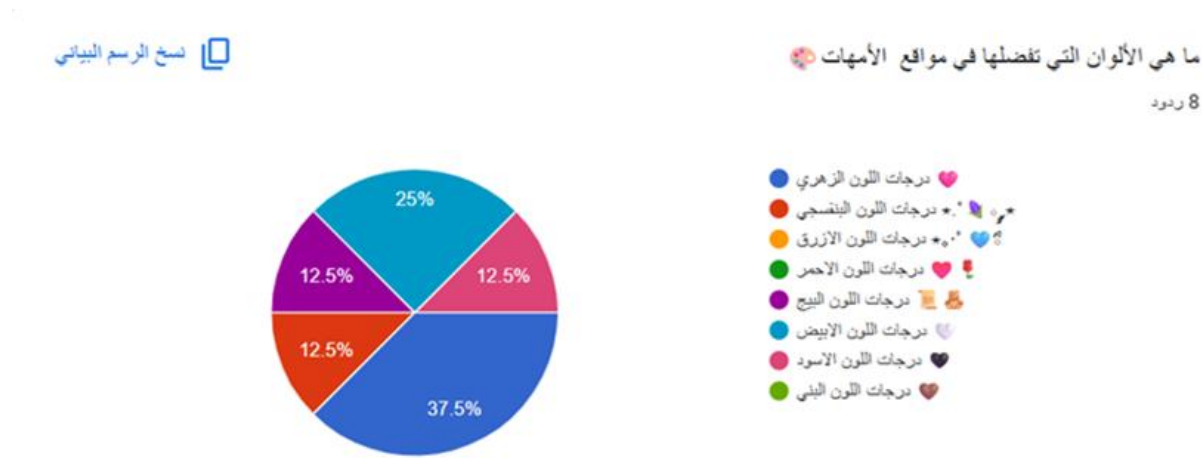


- Accuracy

- SEO



- Usability:



- Security and Privacy:

- JWT (JSON Web Tokens)
- (Data in Transit) HTTPS
- Bcrypt



JWT

JSON Web Tokens are a compact, URL-safe means of representing claims to be transferred between two parties. These claims can be encoded to be digitally signed.



HTTPS

HTTPS (Hypertext Transfer Protocol Secure) is an encrypted version of HTTP. It ensures secure communication over a computer network.



Bcrypt

Bcrypt is a password-hashing function. It is used to protect stored passwords.

A large, horizontal, pink brushstroke graphic that serves as a background for the word 'Demonstration'. The stroke is thick and has a textured, hand-painted appearance with irregular edges.

Demonstration



Conclusion

In the end, Haven is a Palestinian website that supports parents in raising their children, especially mothers, by providing them with all the advice and assistance at all stages, whether pregnancy, childbirth, or the child's age in the first, second, or third year of his life.

The website emphasizes the importance of the father's role in these stages and offers him the best advice and guidance on how to support and care for his wife, as well as his child's health and provide him with the best



Thank You



H.A.V.E.N