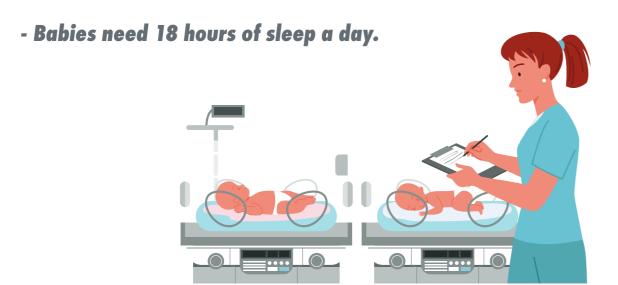


Following and analyzing babies in newborn intensive care, with image processing software

PROBLEMS EXPERIENCED



1 - CHECKING PROBLEM



2 - BUSY WORK SCHEDULE



- Inability to devote enough time to parents
- The family is stressed because they can't see their baby and can't get information

3 - THE BOND BETWEE **BABY AND MOTHER**

- Reduction in milk productivity
- Sleep disorders
- Long-term mental problems
- The psychological and neurological development of the baby







- Mobbing and violence

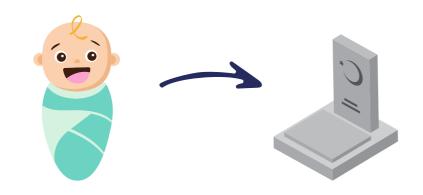
*This conclusion was reached as a result of the interviews and researches.

Şahin, Z.A., Özdemir, F.K., "Hemşirelerin Tıbbi Hata Yapma Eğilimlerinin İncelenmesi", Hemşirelikte Eğitim ve Araştırma Dergisi, 3, 210-214 (2015).
 Bal, M.D., "Yataklı Tedavi Kurumlarında Hemşire İnsan gücü Planlama Yaklaşımları", Sağlık ve Hemşirelik Dergisi, 147-154 (2014).



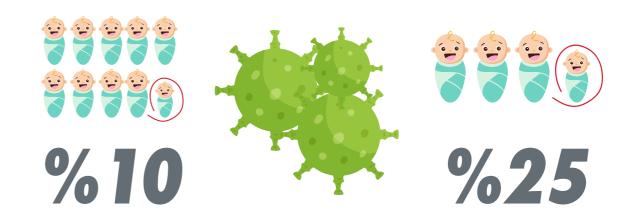


1- PREMATURE BABY DEATH NUMBER



15 Million Babies +1 Million Babies

According to WHO and UNICEF, 75% of them are PREVENTABLE...

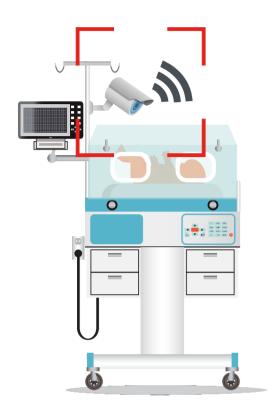






SOLUTIONS DEVELOPED BY BABYISTAN PX





1-INCUBATOR **BABY TRACKING**

- Motion and Sound Detection
- Warning System
- Early Intervention

2-PARENT TRACKING SYSTEM

- Image sharing with family
- Reduction in family anxiety
- Milk productivity
- Sleep efficiency



3-MOTHER **VOICE TRANSFER**

- Controlled audio streaming
- 30 50 decibel range
- Calming effect
- Bond strengthening





OUR TECHNOLOGICAL ASPECT &

Image Processing (Warning System)

Neonatal Infant Pain Scale - NIPS

CRITICAL SCORE	FACE EXPRESSION	CRYING	BREATHING FORM	ARMS	LEGS	AWAKENING STATUS
0						
1						
2						

Score Evaluation Criteria

IV 15 minutes after drug administration

PO/ After 1 hour in rectal applications

0-1: No Pain, Minimal Pain (no intervention required)

2-4: Moderate Pain (Use non-pharmacological methods. Re-evaluate after 30 minutes.)

5-7: Severe Pain (Requires pharmacological treatment. Inform the doctor. Re-evaluate after 15 minutes.)



SIZE OF THE MARKET



Annually \$26.2 billion is invested in the neonatal intensive care unit in the USA.



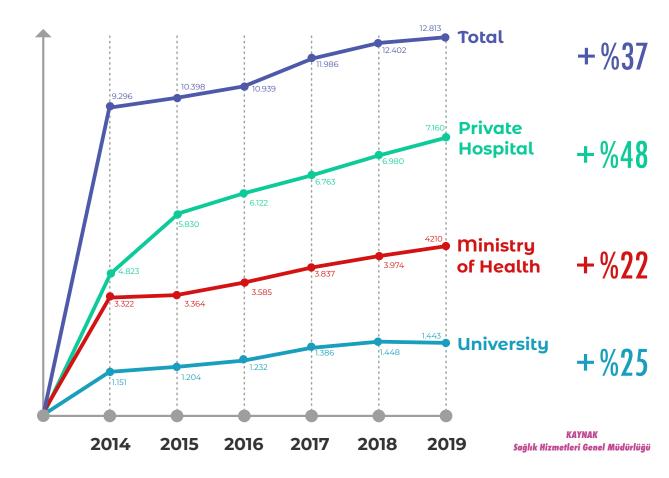
Annual Number of Premature Babies





15 Million Babies 180 Thousand Babies

Number of neonatal intensive care beds in Turkey





COMPETITOR ANALYSIS







Customer Segment	B2C	В2В	B2B / B2C
Use of Artificial Intelligence	✓	✓	
Instant Alert System	X		
24/7 Monitoring of Healthcare Professionals	X		
Having the Application		X	
Ability to Watch Past Records	X		
Data Upload		X	X
Image Sharing with Family	X	X	
Transfer sound to Incubator	X	X	
Target group	Premature and Risky Babies	Premature Babies	Premature and Risky Babies
Usage Period	Newborn Intensive Care Order	Newborn Intensive Care Order	During and After Neonatal Intensive Care
Evaluations	Serabral Palsi / MS	Thermal Imaging Analysis	Neonatal Pain Scale (NIPS)





PACKAGES	LIMIT	RENTAL	MAINTENANCE (ANNUAL)
Package 1	15 Incubators	\$1500 per month	\$60.000 + 15%
Package 2	30 Incubators	\$2000 per month	\$90.000 + 13%
Package 3	60 Incubators	\$3500 per month	\$150.000 + 10%



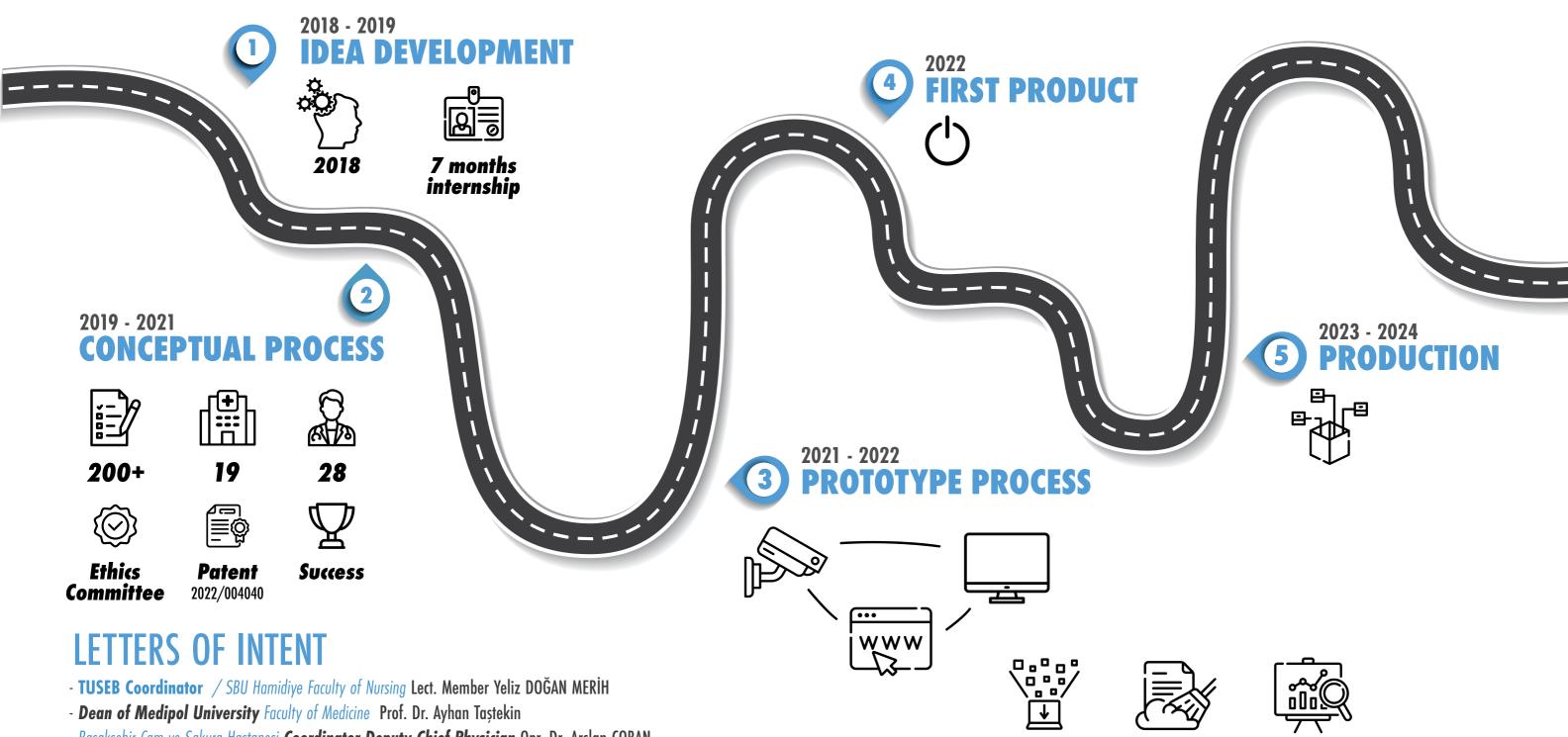
DIIDCHACING AND

CAPITAL NEEDED

EXPENSE	PRICE	
R&D Expense	(annual) \$60.000	
Personnel Expense	(annual) \$100.000	
Marketing Expense	\$40.000	
Certification Expense	\$45.000	
Office Expense	\$35.000	
TOTAL	\$280.000	



ROAD MAP



- Başakşehir Çam ve Sakura Hastanesi Coordinator Deputy Chief Physician Opr. Dr. Arslan ÇOBAN
- Marmara Hastanesi **Pediatrics** Dr. Nazlı JALALZADA
- Sefaköy Medipol Hastanesi **Pediatrics and Diseases** Dr. . Instructor Member Filiz GÜL
- Atakent Acıbadem Biomedical Engineer Oğuzhan KILIÇ



















Collection





Cleaning



Training







Zahid Sami ATA
Co-Founder, R&D Officer
Endüstri Mühendisliği



Sena Ecem ALTUN
Product Developer

Tip Fakültesi



M. Emin GÜLAY
Co-Founder,
Software Team Leader

Elektronik Haberleşme
Mühendisliği

ADVISOR



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THANKS

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