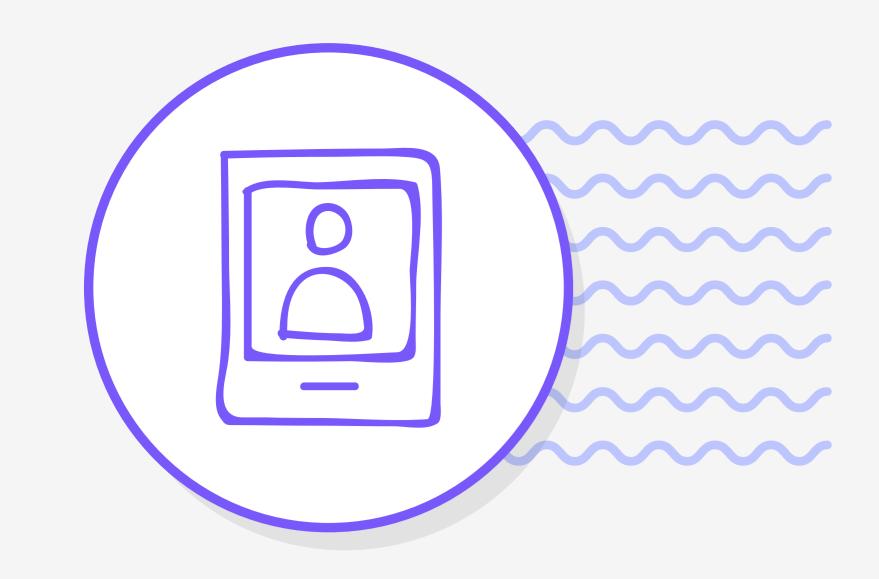
IDEATION PHASE EMPATHY MAP

DATE	29 APRIL 2023
TEAM ID	NM2023TMID08443
PROJECT NAME	Perinatal Health Risk Predictors Using Machine Learning
MAXIMUM MARKS	



Empathy map

Use this framework to develop a deep, shared understanding and empathy for other people. An empathy map helps describe the aspects of a user's experience, needs and pain points, to quickly understand your users' experience and mindset.

Prenatal
Development
Stages,

- Germinal
- Embryonic
 - Fetal

ML Can Be Used
To Make
Prediction Of
Need for
Caesarean
Delivary

Perinatal
Period Is A
Vital Period
for Maternal &
Infant Health

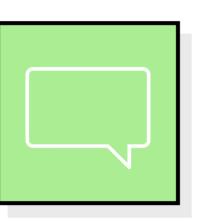
Al Has The Potential To Accelerate This Progress

ML Based
Maternal Health
Care That Will
Aid In Clinical
Decision Making

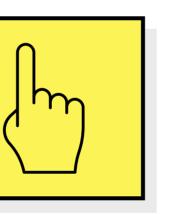
Also Reduce
Health Care
Cost With
Maternal
Morbidity

First Trimester
Of Pregnancy
Is The Best
Stage To
Prdict

ML Methods
Have Been
Used To
Predict
Birthrate



IDENTIFYING
PERINATAL
HEALTH RISKS
USING MACHINE
LEARNING
TECHNIQUES



Define Problem Data
Collection &
Preparation

Rate Of
Maternal &
Infant Mortality
Have
Reduced

 \sim

Protect
Their Infant
& Ensure A
Healthy

Model
Building &
Deployment

Project
Demonstration
&
Documentation

Produce
Better
Outcomes
For Patients

Healthy Pregnency & Safe Child Birth

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