

FAID

TEAM SYNERGY

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The background is a solid dark blue. A thin white horizontal line and a thin white vertical line intersect at the center. A large white circle is positioned in the upper-left quadrant, with the number '01' inside it. A smaller white circle is on the horizontal line in the lower-left quadrant. Another small white circle is on the vertical line in the upper-right quadrant. A large white arc starts from the top-left and curves towards the center circle. A smaller white arc is on the right side, passing through the circle on the vertical line. A large white arc is at the bottom, starting from the center and curving towards the right.

01

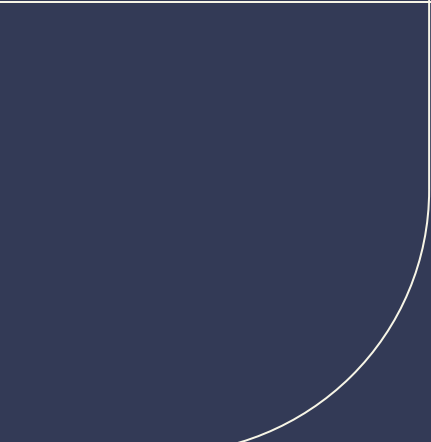
Introduction



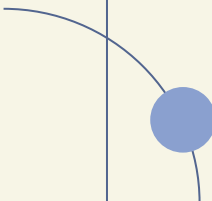
INTRODUCTION



First aid is the first and immediate assistance given to any person suffering from either a minor or serious illness or injury, with care provided to preserve life, prevent the condition from worsening, or to promote recovery.



WHY FIRST AID ?

- The purpose of first aid is to minimize injury and future disability.
 - In serious cases, first aid may be necessary to keep the victim alive.
 - Without proper First Aid, a simple injury could become severe and in some cases fatalities can occur as a result of lack of immediate medical treatment.
 - First Aid does not just promote faster recovery it helps save lives.
- 



02

Problem & Solution

PROBLEM

A large section of the society are still unaware of the basic first aid procedures. This may cause an ordinary injury to develop into a severe injury. Also, ordinary people are not capable of identifying medical conditions in the first glimpse.





SOLUTION

A progressive web application that can be used by all individuals to obtain necessary guidelines for first aid. Since mobile phones are used by almost everyone, it is the best source for first aid instructions.

FEATURES



Identify condition

Determine the health issue faced by patient and suggest necessary first aid



Call Ambulance

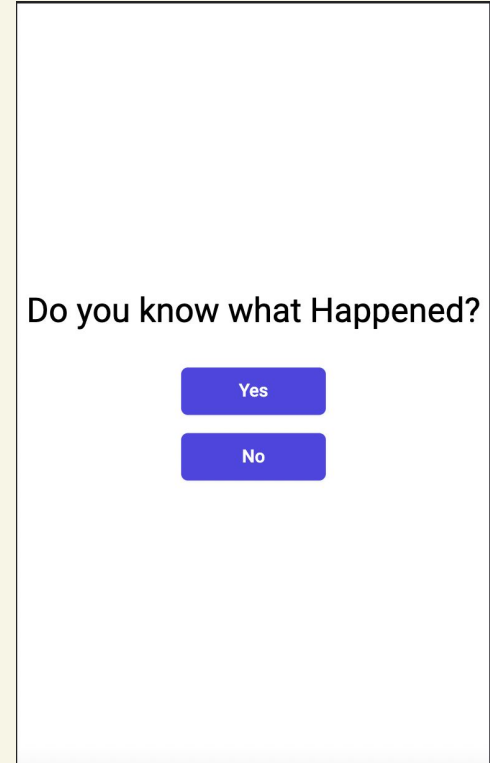
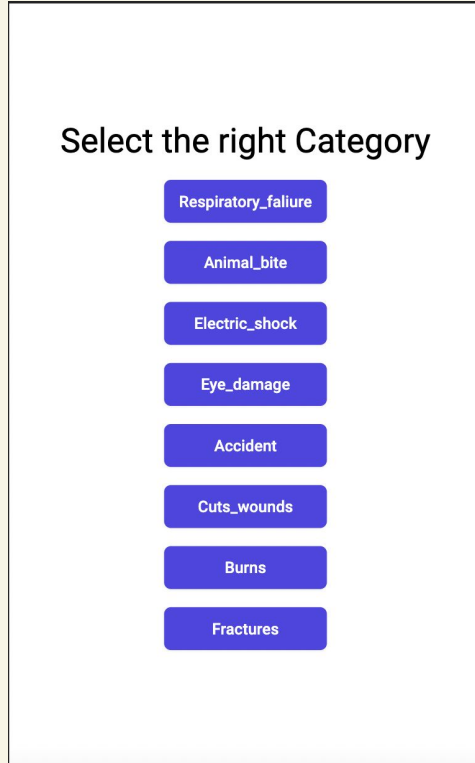
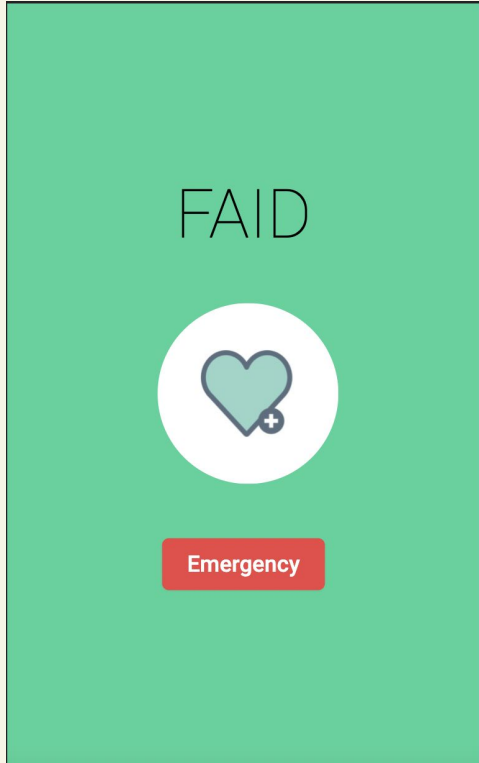
An automated call to the ambulance mentioning patient location and condition.



Nearest Hospital

Navigation to the nearest hospital in case ambulance is not available

Screenshots



Screenshots

Respiratory Resuscitation

Five-and-Five

Give 5 back blows

Give 5 abdominal thrusts



Is the victim unconscious?

Yes

No

Choking

Five-and-Five

Give 5 back blows

Give 5 abdominal thrusts



Vehicle Accident



Fracture



The background is a dark blue field with white geometric elements. A thin white line runs horizontally across the middle and vertically down the right side, forming a partial frame. A large white circle is positioned in the upper left, with the number '03' inside it. A smaller white circle is located on the horizontal line on the left side. Another small white circle is on the vertical line on the right side, with a short white arc passing through it. A large white arc is also visible in the upper left, partially overlapping the circle containing '03'.

03

Tech Stack & Services

TECH STACK



Node.js

A back-end JavaScript runtime environment that executes JavaScript code outside a web browser.



Fastify

A Fast and low overhead web framework, for Node.js



Next.js

A development framework built on top of Node.js enabling React based web applications functionalities.



Tailwind CSS

A utility-first CSS framework for rapidly building custom user interfaces.

TECH STACK



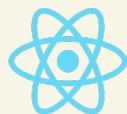
PostgreSQL

A free and open-source relational database management system emphasizing extensibility and SQL compliance.



Prisma

An open-source ORM that simplifies data modeling, migrations, and data access for SQL databases in Node.js and TypeScript.



React

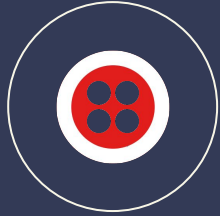
A front-end JavaScript library for building user interfaces based on UI components.



Supabase

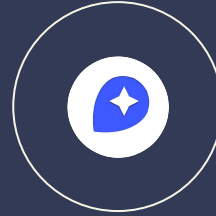
An open source Firebase alternative. It provides all the backend services you need to build a product.

SERVICES



Twilio

It has democratized communications channels like voice, text, chat, video, and email



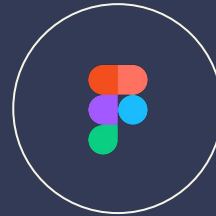
Mapbox

A provider of custom online maps for websites and applications.



HERE Maps

It deals with mapping, location data and related automotive services to individuals and companies.



Figma

A vector graphics editor and prototyping tool which is primarily web-based

FUTURE SCOPE



Image Processing

Speedy detection of condition by processing images from the scene of incident.



Voice Recognition

Identification of condition using voice snippets recorded with the help of Natural Language Processing (NLP).

CONCLUSION

First Aid refers to the basic medical care provided to someone experiencing a sudden injury or illness. The PWA supplies instant first aid instructions after identifying the medical conditions and making automated calls to the ambulance for severe conditions. Thus, it provides a simple and efficient source for first aid.