

# HTM 3.0 REPORT

BrainStorm 01



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# About the Problem

## Problem Statement

Since PETA banned animal dissection in India in march 2022, we want to build an application that will be institution-based and will help to teach India's future doctors to learn about such medical procedures using Hologram technologies.

To make the application more authentic, we intend to add a dictionary feature that will help the users to get guidance regarding specific terms used in the field.

The application will withdraw medical students from understanding the concept properly as theory doesn't justify the practical procedures. Learners will be left unknown with many details without proper implementation and visualization.

## Solution to the Problem

Without breaking the PETA laws, students can learn the dissection of animals and humans with the help of a 3D display of medical procedures like dissection, etc., ie. Holograms. Better visualization will help in a much better way than reading theory.

# About the Application

## What does our App do ?

- Our app performs the following functions:
- Stores Registration information for individuals
- Displaying Holograms for better 3D visualization.
- Using Wikipedia to clarify doubts regarding the meaning of any medical term
- Discussion forum for students and mentors for easy communication for doubts and group discussions.

## How will it work ?

- An Institution will create an organization account on the app.
- Students of the same institution will be enrolled with their IDs on the organization account
- On logging in, the student will be able to access the home page.
- The home page consists of icons - content, dictionary, discussion forum & profile info.
- When clicked on Content - It will take the user to a page where informative videos and holographic videos will be available.
- When clicked on Dictionary - It will take the user to a page where the user can enter the term and will get back the meaning of the term and similar terms to it.
- When clicked on Discussion Forum - It will take the user to a page where the user can drop doubts or anything to the whole institution group.
- When clicked on Profile Info - It will take the user to page where the user details will be displayed.

# Application Procedure

