Project Name: Drink Safe

Domain : Mobile Application & Machine Learning

Project Description:

Color of the water is result of solar radiation interaction with water constituents and its concentration.The parameters to decide the quality of water are Ph Value , Hardness , Sulfate ,Chloramines etc.This mobile application classifies whether the water is safe to drink or not with the help of the above parameters.

Technical Description :

1. Users can enter the required parameters of the water in frontend which is developed using Flutter.

2. Firebase is used to store the user details and water parameter.

3. Machine Learning Algorithms like Logistic Regression , RandomForest , Support Vector Classifier are used to classify whether water is safe or not.