

# watcher

CRIME CHATBOT

Organization Name: Bureau of Police Research & Development

Problem Statement: Efficient and user-friendly Chatbot Based Crime Registration & Crime Awareness System

Team Name: Hacker Tribe

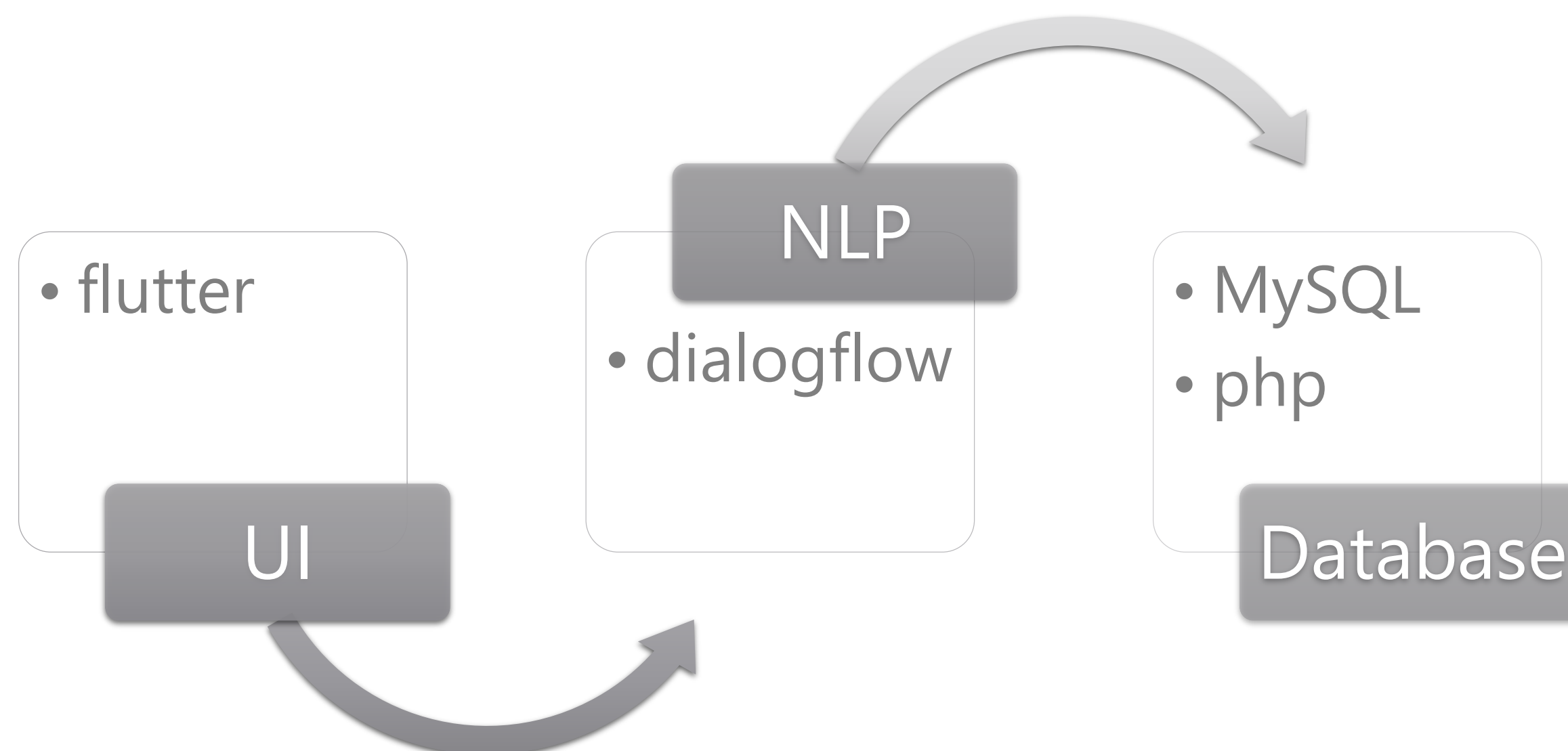
Team Leader: Shaswat Das

College Code:

# Idea And Approach Details

Chatbot is a developed program that can have a conversation with a human ,by artificially replicating the patterns of human interactions in machine learning allows computers to learn by themselves.

Our idea is to implement a chatbot which will be helpful for registration of crime and spread awareness regarding public safety and to provide 24/7 assistance and support. We will use an interface to interact with the user to log the complaint, which is implemented using Natural Language Processing.



# Technology Stack

Dialogflow: Dialogflow works on natural language processing and is backed by Machine Learning .



Flutter: Flutter helps us to develop for iOS and Android from a single codebase.



MySQL: MySQL is database that facilitates the effective management of the databases by connecting them to the software.



PHP: PHP is a server-side programming language which can interact with many different database languages including MySQL.



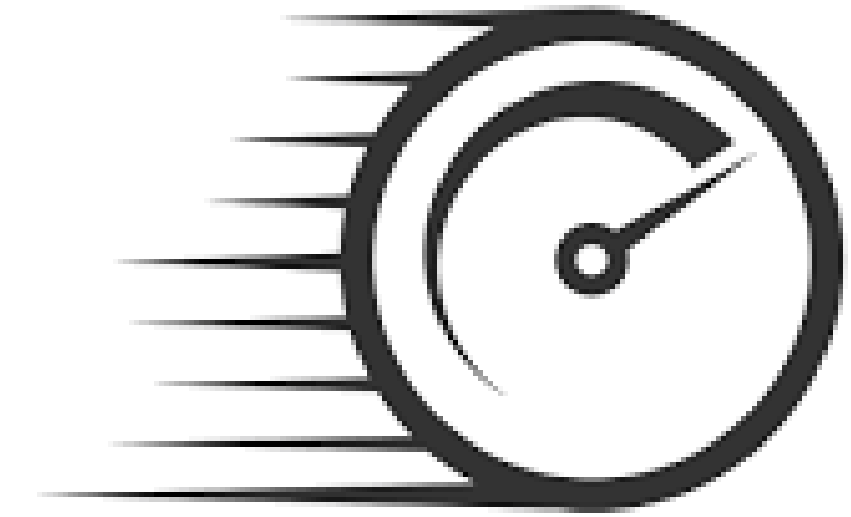
# Features



**PLATFORM INDEPENDENT**

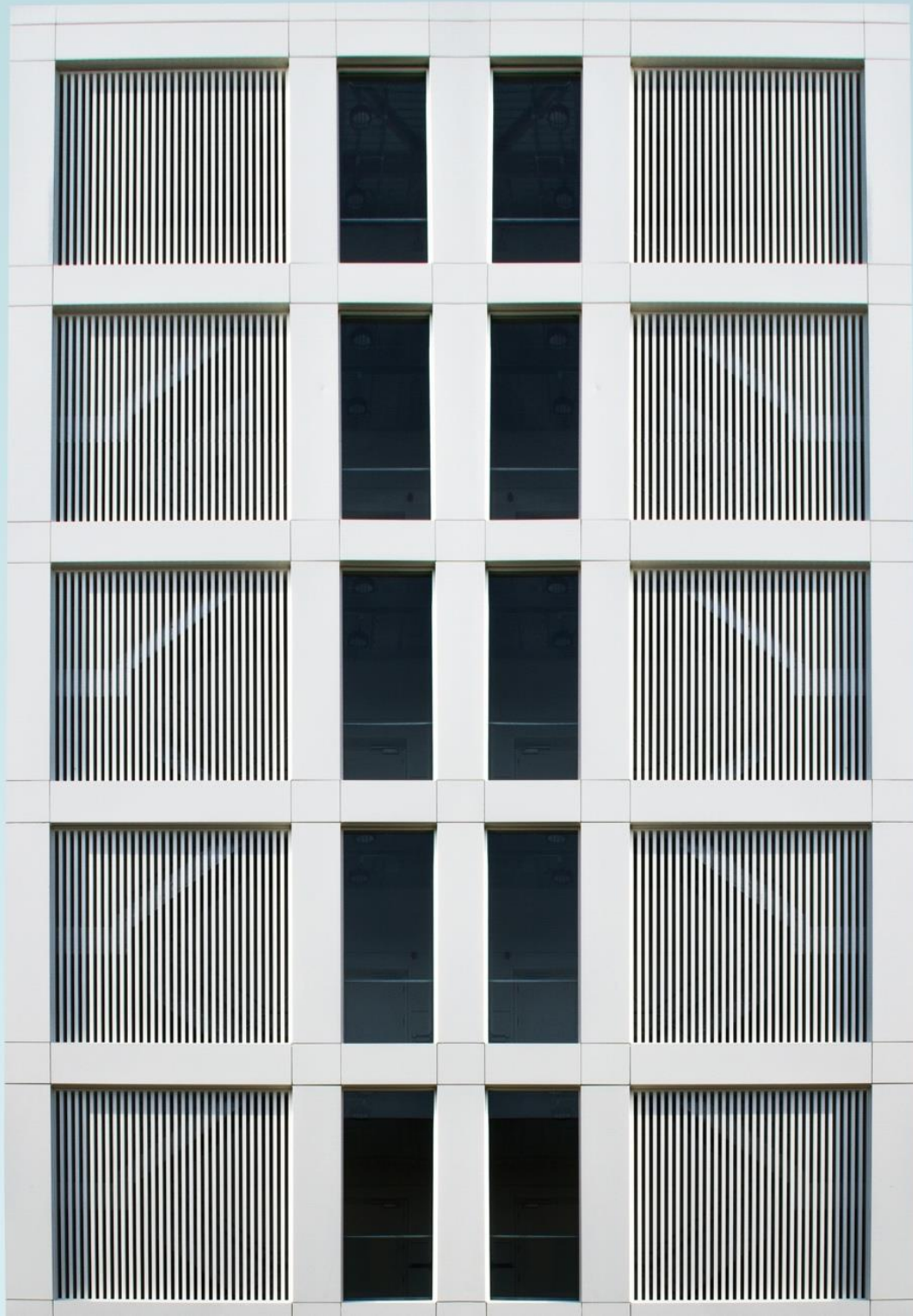


**24/7 RELIABLE**



**EASY, FAST AND UNCOMPLICATED**

- Reduces police dept. Workload.
- Reachable to people at any place.
- Efficiency increased by gaining insights to real time data
- Accessible from any platform.
- Gets better with time, powered by google ML algorithm
- OTP authenticated complaint registration.



# Showstopper

1. If the crime reported doesn't match with any of the keyword in the database.
2. If proper action is not taken by the police department.
- 3.False registration still a possibility even after authentication.

# Dependency

1. Conversations must be in English language
2. Internet connection
3. Browser





## **FUTURE SCOPE**

1. Making the platform in many different regional languages.
2. Other than giving reply to query, we can make suggestions related to concerned crime.
3. Better authentication to curb reporting of fake cases.