Online Portal for Reporting and Filing Crimes
FEASIBILITY STUDY

SUBMITTED BY,

MIDHU J H

NO. 38

INMCA S9

DATE: 31.07.2023

GUIDE: Ms. SHELLY SHIJU GEORGE

FEASIBILITY STUDY

A feasibility study is a preliminary exploration of a proposed project or undertaking to determine its merits and viability. A feasibility study aims to provide an independent assessment that examines all aspects of a proposed project, including technical, economic, financial, legal, and environmental considerations. Sometimes called a feasibility analysis or feasibility report—is a way to evaluate whether a project plan could be successful. A feasibility study evaluates the practicality of your project plan in order to judge whether you can move forward with the project.

Operational Feasibility: Operational feasibility is used to measure of how well a proposed online portal for reporting and filing crimes solves the problems. With the online portal for reporting and filing crimes resolve most of the problems related to law enforcement body and General public. Some of them are difficulty to find criminal location, difficulty to find evidences regarding criminal cases, difficulty to find criminal person history etc. No need to keep many record books after implement this system. Save time of both parties. No stationary items are needed to recode user data. Only need Initial cost to implement the system. There is no process change with the introduction of new system. By using this system law-enforcement can continue their duties in effective and efficient way.

Technical Feasibility: This study is based on an outline design of system requirements, to determine whether the developer has the technical ability to handle and completion of the project. This is web-based solution and any one can connect to the system remotely. For the development of the system, web technologies such as Python Django, MySQL, JavaScript, and Bootstrap are used along with machine learning tools. These technologies are commonly used for web development and they are free.

Economic Feasibility: It helps to measure the cost-effectiveness of a project. The proposed system has more benefits than the manual process. With the new system can reduce the paper works and save the time. Law-enforcement must expend for initial software implementation cost only. Cost of packaged hardware/software development is enormous nowadays.