SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
www.sathyabama.ac.in

CRMS-PORTAL E-FIR REPORTING SYSTEM

Project Supervisor: Dr. Jeberson Retna Raj

Name of the Student: Pallavi Kumari

Register Number: 39120078

PRESENTATION OUTLINE

◙ Course Certificate

◙ Introduction

◙ Objectives

◙ System Architecture / Ideation Map

◙ Module Implementation

◙ Application Snapshots

◙ Results and Discussions

◙ Conclusion & Future work

◙ References

CERTIFICATE

INTRODUCTION

❑ The crime record management system project is a web based application that provides facility for the police/officials to Add the Crime Details(FIR) and get the record easily on Online platform. The system at any point of time can provide the details of FIR document, existing charge sheets and their statuses.

❑ A database system in which police will keep the record of criminals who have been arrested. This platform will also provide the total count of crime record yearly, and will give the information about how many cases has been solved and how many are still pending.
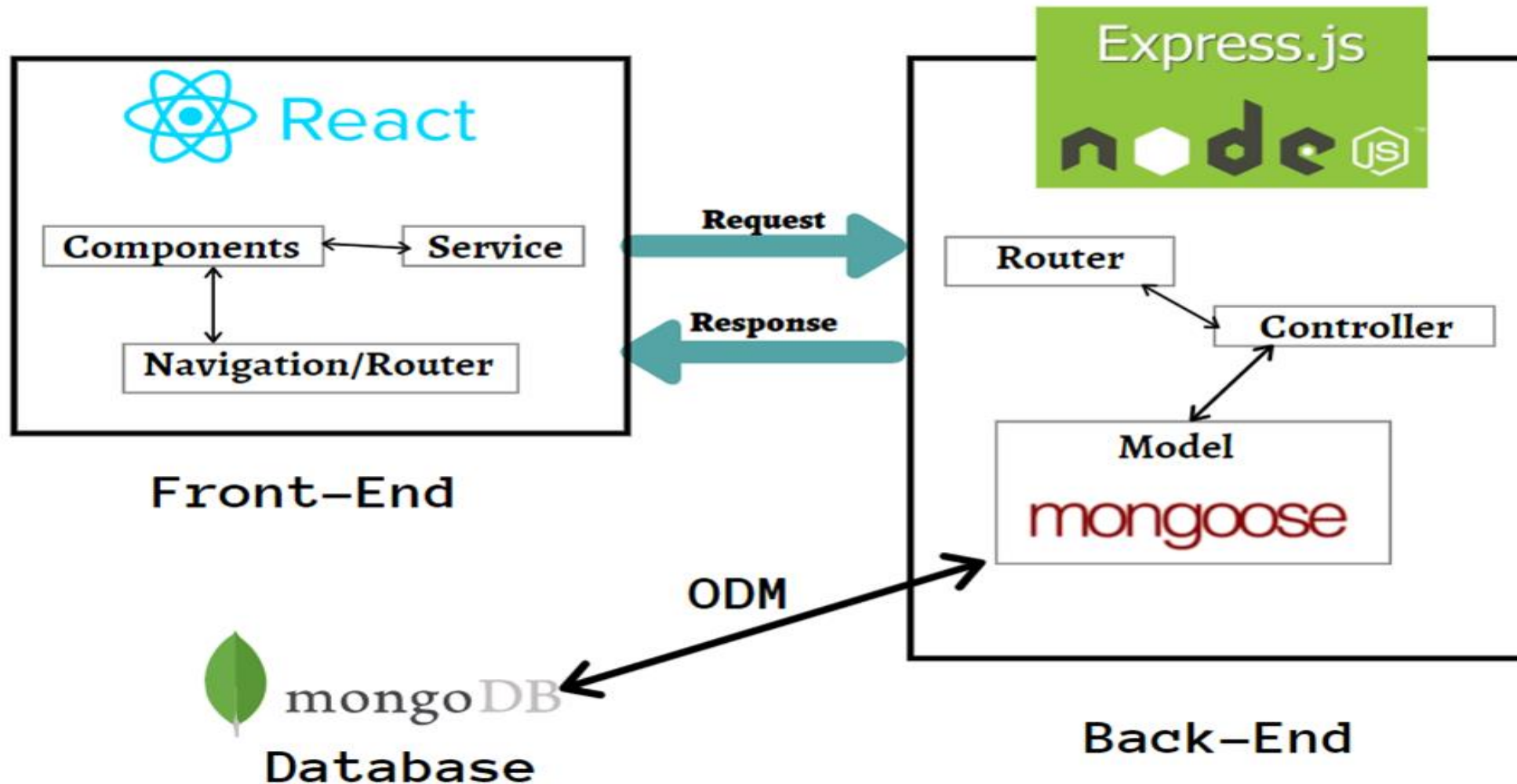
PROBLEM STATEMENT

◉ To demonstrate the use of MERN stack by building up an Crime Report Management

System with it

◉ Under CRMS-Portal we will touch topic of:

   ➢ Admin login management

   ➢ Data(FIR) storage and its usage

   ➢ Secure and Transparent Process of Investigation and Tracking

OBJECTIVES

❑ Secure and Transparent Process of Investigation and Tracking: Since only the investigating officer can access the particular FIR id, the information is private and secure.

❑ Improving the standards of Indian Police system: Like many developed countries in the world already having a fully functional e-police system, India must also develop up to world standards.

❑ Ease of Accessibility for authority: Police authority can access the record any time and any where with required authentication details.

SYSTEM ARCHITECTURE

PROJECT IMPLEMENTATION

◉ This Project has three major part :

    > Client-side with React

    > Backend computing and Interface

    > Database

Implementation

◉ Project is involved in developing a dynamic web app.

◉ Website includes with the reporting FIR, Information about past reports, the current status of the reports.

◉ A laptop or desktop is needed as hardware requirement part.

◉ Software Used: Web Browser for accessing service and project webapp, with all needed packages installed.

METHODOLOGY

❑ Create a website using HTML, CSS, Bootstrap, JavaScript and other assets.

❑ Make the website responsive and mobile friendly to easily access.

 Implement all the information and content for web page.

❑ Port everything into scalable React components

❑ Use verification with Node and Express to authenticate user

❑ Give access to sign-up if the user doesn't already has an account

❑ The authority can preserve records of the criminals and search for any criminal using the portal.

❑ Admin can keep the record of criminals who have been arrested or has got complaint against them

RESULT AND DISCUSSION

▣ After completing the project we will get a responsive and dynamic website.

CONCLUSION

◉ There are numerous architectural and conceptual considerations when you are

contemplating a working E-FIR reporting system model for any major application deployment.

◉ With the advancement and incorporation of internet and web technology into the Indian

Police System, it will definitely boost up the proceedings. This project aims to help police

officers directly. Getting the updates about case directly any time any where with required

authentication details can help to solve case in fast and more easy way.

REFERENCES

[1]https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjJ6oaukon3AhXrIbcAHZTcBOQQFnoECAUQAQ&url=https%3A%2F%2Freactjs.org%2Fdocs%2Fgetting-started.html&usg=AOvVaw2ELKlyujw4msP4lLpv0rOd

[2]https://www.google.com/url?sa=i&url=https%3A%2F%2Fmedium.com%2Ftechiepedia%2Fwhat-exactly-a-mern-stack-is-60c304bffbe4&psig=AOvVaw1ssPtxq-o5ttk74N9i8uXH&ust=1649668060253000&source=images&cd=vfe&ved=0CAsQjhxqFwoTCNCn-ciSifcCFQAAAAAdAAAAABAD