

Notification System Using Cloud

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ABSTRACT:

The notification system is a project created by our group. The main objective of the Notification System project is to provide a system that manages the records of students and sends notifications or any notifications related to the campus. This project maintains the records of students and campus companies. This project keeps records details etc. It represents the records of each department.

KEY WORD: Notification system, web services. API.

I. INTRODUCTION

This project processes information about campus students. If the campus management wants to send a notification to a specific student or group of students. This system keeps all the records of various departments. sorts the list of students according to the campus management wants to give notification regarding his field of study. This project makes the notification process easy.

In this system, we implement SNS (Simple notification Service). Amazon Simple Notification Service (Amazon SNS) is a managed service that delivers messages from publishers to subscribers (also known as producers and consumers). Publishers communicate asynchronously with subscribers by sending messages to a topic, which is the logical access point and communication channel. Clients can subscribe to an SNS topic and receive published messages using a supported endpoint type such as Amazon Kinesis Data Firehose, Amazon SNS, AWS SES, HTTP, email, mobile push notifications, and mobile text messaging (SMS).

II. MODULE IDENTIFICATION

The aim of this system is to provide a better view of the user interfaces and to provide the best functionality in managing student details for interview selection. Project module:

- ❖ ADMINISTRATOR LOGIN
- ❖ LOGIN AND CREATE A NEW USER
- ❖ REGISTRATION OF TEACHERS AND STAFF
- ❖ STUDENT DETAILS
- ❖ LIST OF SELECTED STUDENTS
- ❖ SELECT NOTIFICATION TYPES (call, sms, e-mail)
- ❖ WRITE THE TEXT YOU WANT TO SEND
- ❖ VIEW NOTIFICATION STATUS

III. SCOPE

1. Currently this is an offline desktop software, but in the future we will create a website for our software.
2. By using the website, the student fills in his own data, no admin is used.
3. We will create an Android app in the future. This android application will be used to contact students and display advertisement.

IV. TASK MANAGEMENT

Task 1: Topic selection, analysis and planning

In the month of November, we selected a topic for system software development; also gathering the information (Content) required for this project and designing a simple system software.

Task 2: Designing

In the month of December, we selected the GUI design for this project, we also tried different layouts of the software, modules in the project.

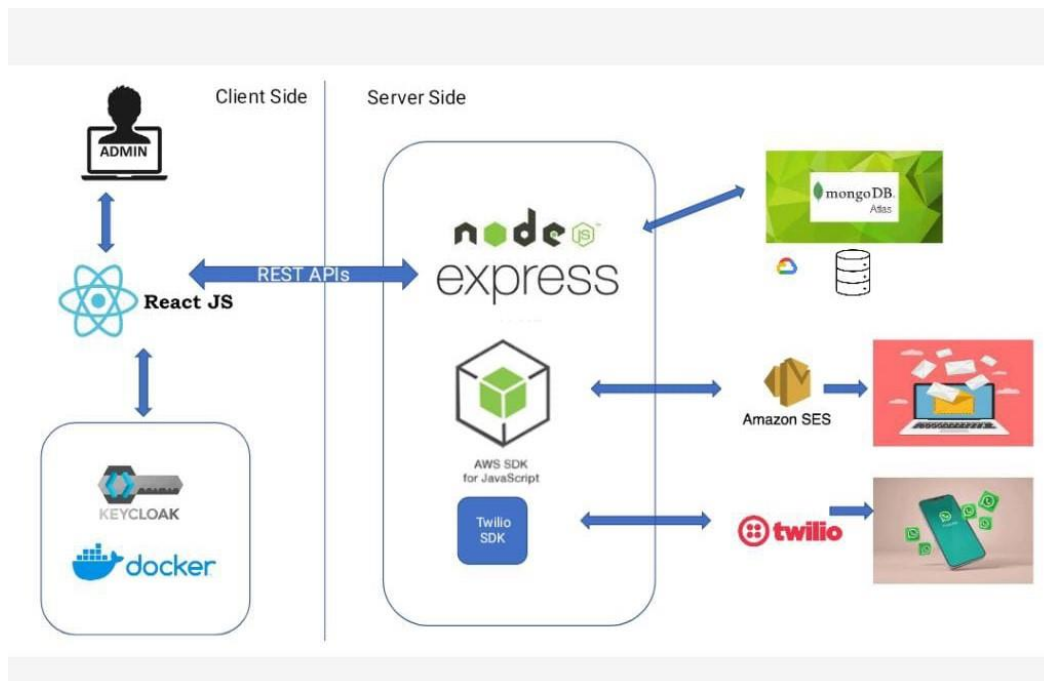
Task 3: Coding and Testing

In the month of February, we designed a code with logic. After the code is generated, it is debugged and errors are removed.

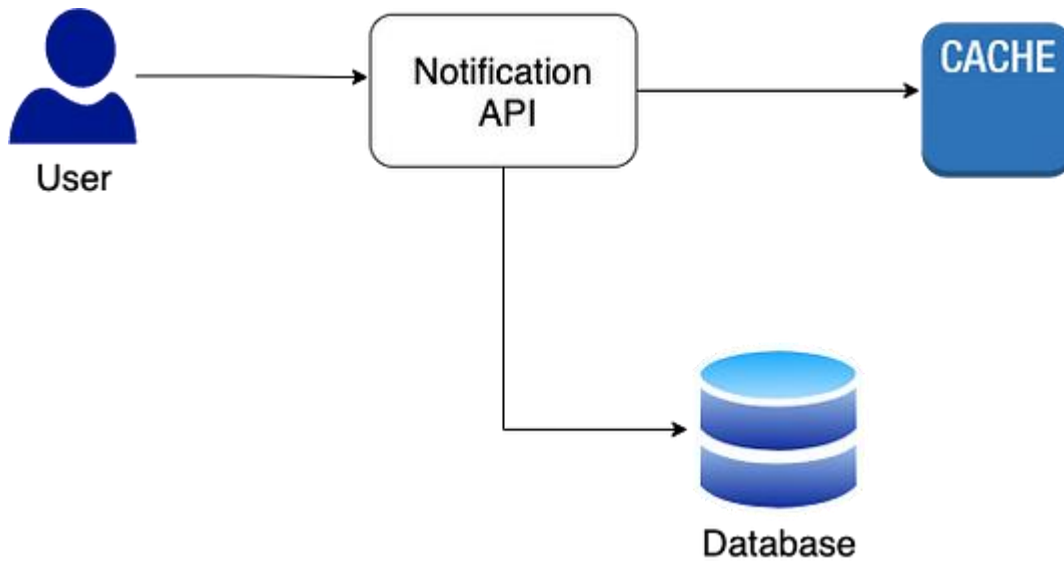
Task 4: Retesting

In the month of March from March 1 to March 10 After coding and testing, the module is again analyzed and tested again

V. ARCHITECTURE SCHEME:

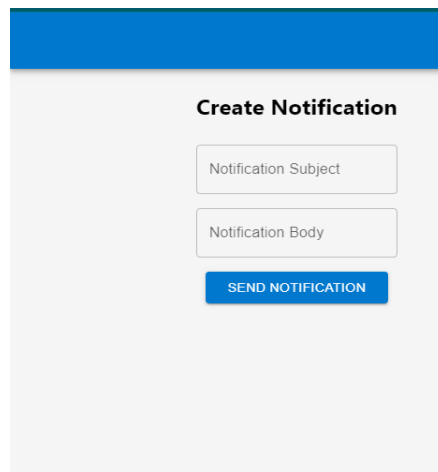
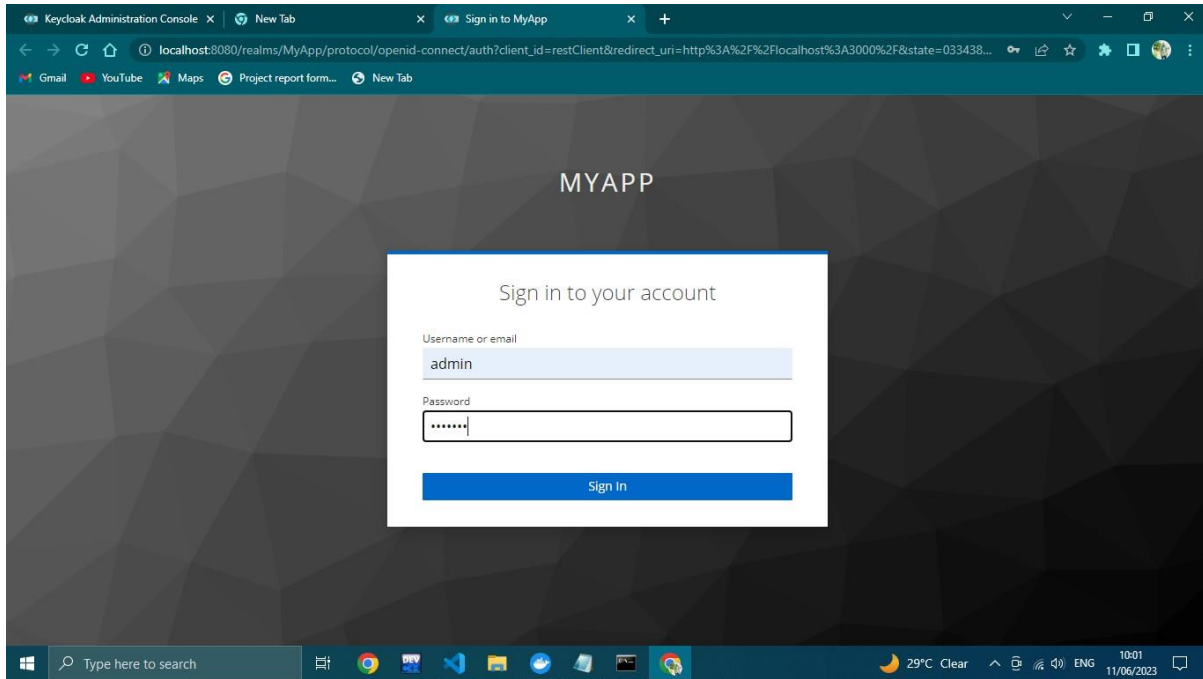


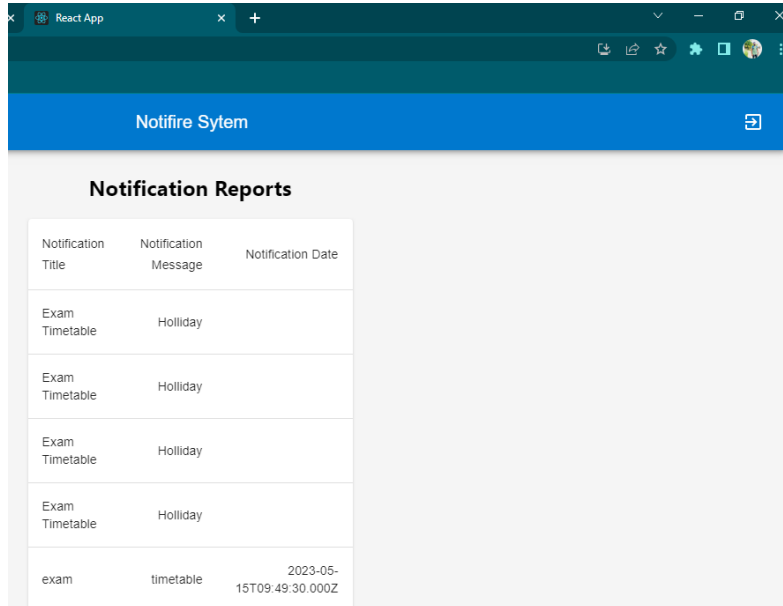
VI. PROPOSED SYSTEM



The request is sent from the client to the server in the form of a web URL as an HTTP GET or POST or PUT or DELETE request. Then a response is returned from the server in the form of a resource, which can be anything like HTML, XML, an image or JSON. However, now JSON is the most popular format used in web services

VII.RESULT





Notification Title	Notification Message	Notification Date
Exam Timetable	Holliday	
Exam Timetable	Holliday	
Exam Timetable	Holliday	
Exam Timetable	Holliday	
exam	timetable	2023-05-15T09:49:30.000Z

VIII.CONCLUSION

Notification System Project is developed for an organization and campus that takes time to handle storing activity like student details. The system is working properly and storing the data properly. The system generates several reports for student details and company details. It maintains the details properly

Notification system is a project created by our group. The main goal of the notification system project is to provide a system that manages the records of students and sends notification or any alert related to the campus This project maintains the records of students and campus companies. This project maintains record details etc. It represents the records of each department.

IX.REFERENCES

- Books: ✓ “Full-Stack(Mern) Complete Reference, AWS online Courses form youtube, Aws SES ”
- Websites: ✓ <http://www.googlebooks.com>
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- ✓ <http://www.youtube.com>