

# PROJECT TOPIC : SMART POST

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# 1. INTRODUCTION

- Indian Postal System is the most widely distributed postal network in the world.
- It touches the lives of Indian citizens in many ways:
  - delivering mails
  - accepting deposits under Small Savings Schemes
  - providing life insurance cover under Postal Life Insurance (PLI)
  - Rural Postal Life Insurance (RPLI)
  - providing retail services like bill collection, sale of forms, etc.

## 2. PROBLEM STATEMENT

Challenges faced by postal carrier:

- A lot of time is being wasted to find the address of a house
  - delay in delivery service
- Recipient isn't available at the time of delivery.
  - Mail services
  - Financial services
  - Certificates and important documents

### 3. SOLUTION

Smart post solves the above mentioned problems

- Pinpoint the location of the addresses.
- Provide the direction of the corresponding address.
- Send SMS to the recipient

## 4. BENEFITS

Following are benefits of using smart post:

- keep services delivery on time
- reduce the effort of both postal department and recipient

## 5. MODULE DESCRIPTION

- Admin module
  - Registration and sign in
  - Consumer registration
  - Notify consumers
  - Track the direction

## 6. DFD

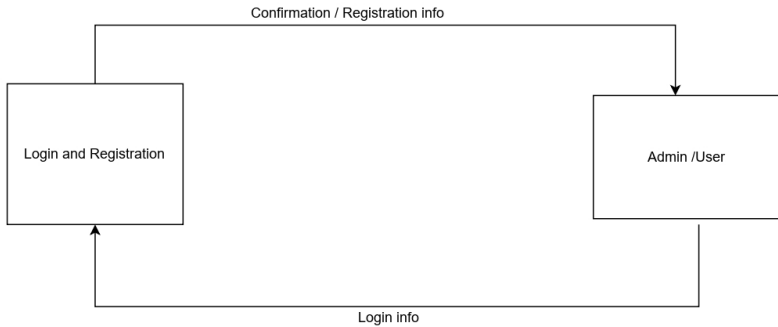
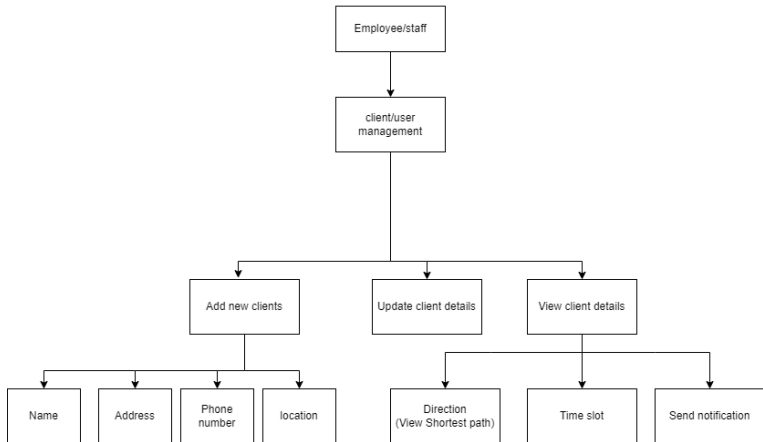


Figure 1 - Level 0 DFD



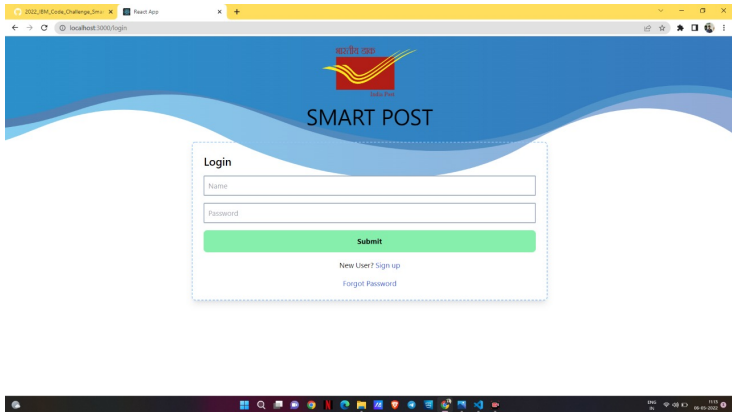
## EMPLOYEE MODULE



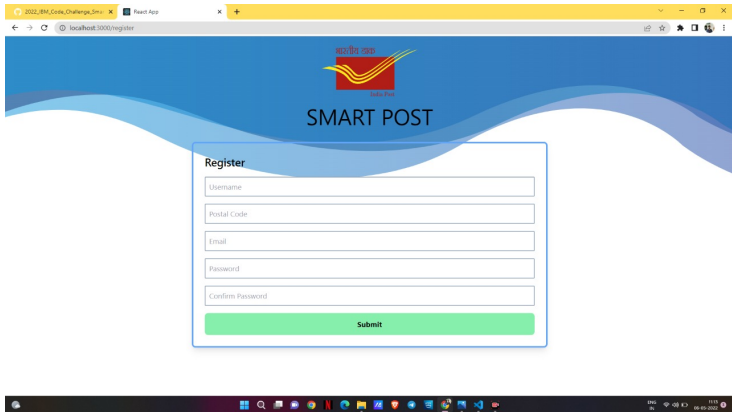
# 7. SOFTWARE REQUIREMENTS

- FRONT END
  - REACT
- MAP
  - HTML
  - CSS
  - JAVASCRIPT
- BACK END
  - DJANGO
- DATABASE
  - SQL

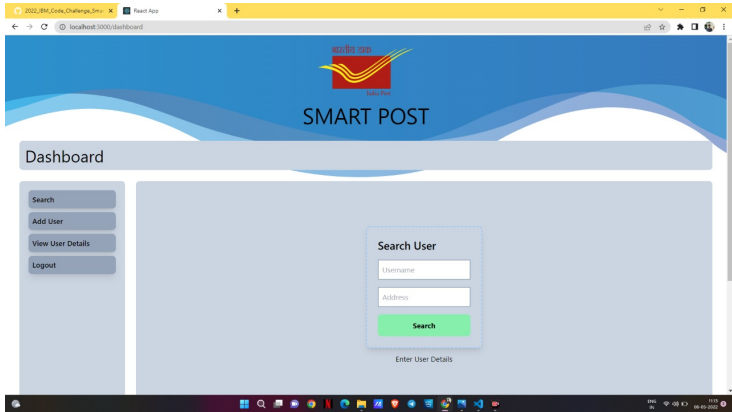
## 8. RESULTS



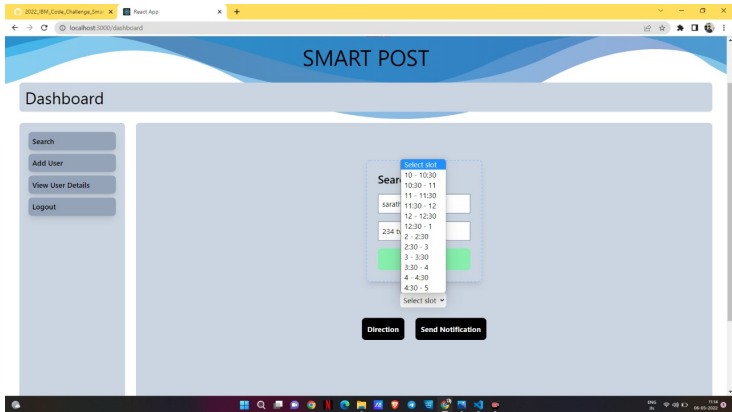
# RESULTS

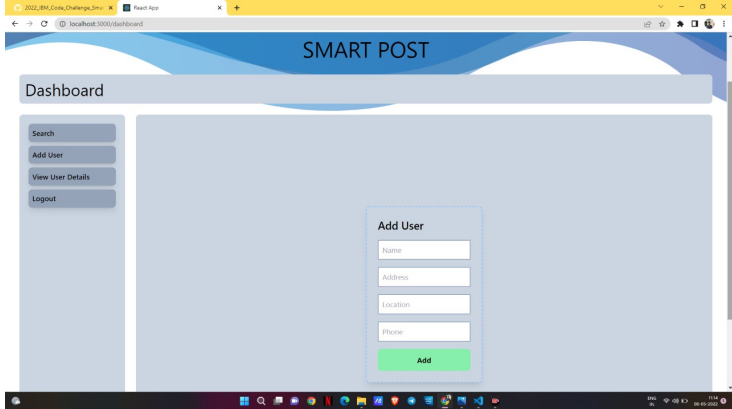


# RESULTS

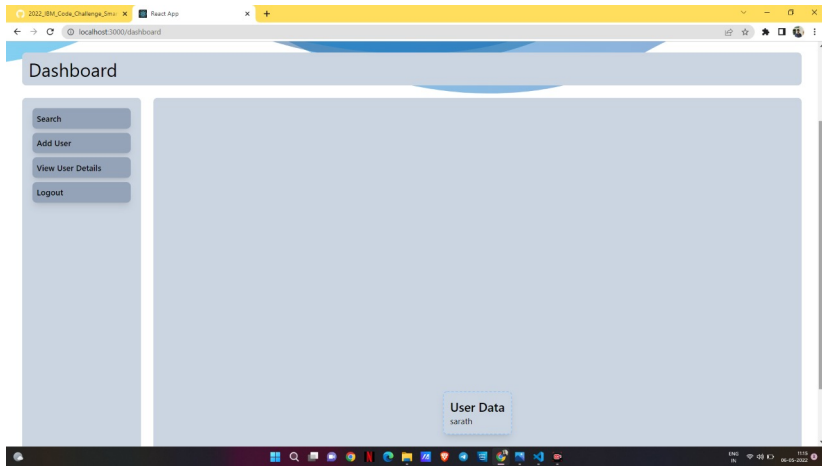


# RESULTS

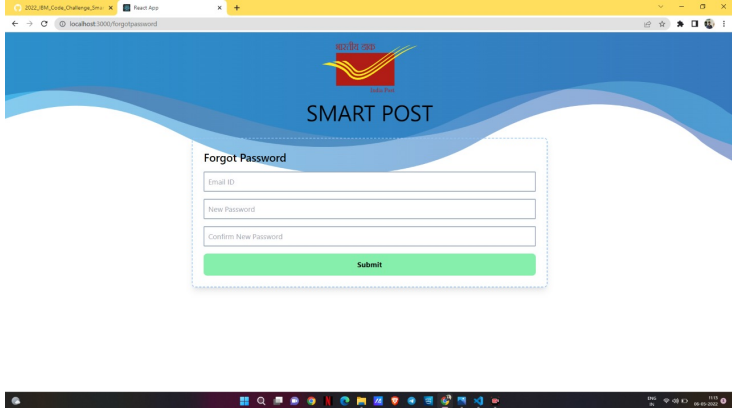




# RESULTS







# CONTRIBUTIONS

FRONT END: SARATH S R ,AMAL SIBY, APARNA A

BACK END: NIKHIL K P ,TEENA SEBASTIAN

## 9. REFERENCES

<https://reactjs.org/tutorial/tutorial.html>

<https://www.tutorialspoint.com/django/index.htm>

# Thank You!