

A Project Report
on
Rural Development Website
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Bachelor of Technology In
Information Technology

by

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Place: Bareilly

December,2022

Abstract

Rural development generally refers to the process of improving the quality of life and economic well-being of people living in relatively isolated and sparsely populated areas. Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) is considered as a “Silver Bullet ” for eradicating rural poverty and unemployment by way of generating demand for productive labour force in villages. It provides an alternate source of livelihood which will have an impact on reducing migration , restriction child labour ,alleviating poverty , and making village self-sustaining through productive assets creation such as consideration as the largest anti- poverty programme in the world. In this paper, based on the secondary data, an attempt has been to comprehensively understand the development effort to rebuild the rural life and livelihood on the basis of various secondary data.

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1. Introduction

The rural, beyond being defined as that which is not urban, is a contested space from a definitional standpoint. Rural can be taken to mean from or of open areas – those outside cities. Rural has a common strand of meaning with country or countryside but is more frequently encountered with such nomenclature in public policy. Rural, as a word, is also endowed with other sorts of value: it is associated with agriculture and farming and people from outside city areas. Connections are made between people from rural areas and the land itself. While a contrasting relationship might be supposed between rural and urban, more properly, a continuum exists between the two as definitions of rural and agriculture are altered due to the forces of modern living and ultimately bear less resemblance to historical identities (Friedland 2002). Nevertheless, rural areas have a rich history and identity of their own, even while they share some aspects in common with urban areas (Woods 2011). Rural development, for purposes of this entry, encompasses efforts that are economic and social in nature, intended to encourage growth or expansion in areas outside cities. This entry considers rural development from a variety of perspectives, including economic aspects, infrastructure and service considerations, sociocultural factors, and the role of stakeholders.

1.1 Problem Statement The Rural development website set registration and Login page ,In Rural development website some section defined in each section have schemes related to particular areas .By accessing inside the section we are aware about multiple schemes related to the area, as a well as inside the website a complaint box where we can complain related to the schemes But here is problem if the complaint are not follow the proper format then complain automatic rejected if any user submit complain without any reason or submit without proper format more than 10 times then user automatically blocked.

1.2 Motivation

1.2.1. Utilization of Local Resources: For example: If there are water resources like rivers and tanks near by the villages, in summer itself, arrangements must be made to tap this resource by removing slit in the tanks, constructing new reservoirs, bunds, canals and simultaneously strengthening the existing ones, so that the water cannot go waste. Similarly, if there are any mines like iron, coal and granites, they should be excavated so that local population can be provided employment.

1.2.2. Establishment of Rural Industries: All the village industries come under the following

broad categories:

1.2.2.1. Startups: They are entrepreneurial ventures, which are newly emerged businesses aims to meet marketplace need, want or problem by developing a viable business model around products, services ,processes or platforms. For example: Agriculture, Supply Chain, Trading in Agricultural produce, Processing Agricultural produces, Fisheries - Both Culture and Trading, Rural Micro Finance, Rural Health - Rural Primary Health Care and Rural Education etc.

1.2.2.2. Computer & Internet Services: Providing Computer Training and Repairing Services, Internet based business like E-Commerce, Rail & Bus Ticket booking, Digital Marketing Agency – Examples: Social Media Marketing, Email Marketing etc.

1.2.3 Health sector development: HSDP is a follow-on program to the long standing word Bank support for the Government's sector wide programs in the health sector. Based on the successes and lessons learned from the past programs and in recognition of the challenges ahead, the Government initiated an \$8 billion sector-wide program: the Health, Population and Nutrition Sector Development Program (2011-2016).

1.2.4. Education sector: Education sector in India is growing swiftly with large private individuals collaborating with the government to develop this sector. The government is also considering many steps to enhance the quality of education in India. Primary education is increasing and many international schools are making their presence felt in India. Parents are now willingly enrolling their children into international schools for good quality education straight from the primary level.

Literacy (as a % of total rural population):

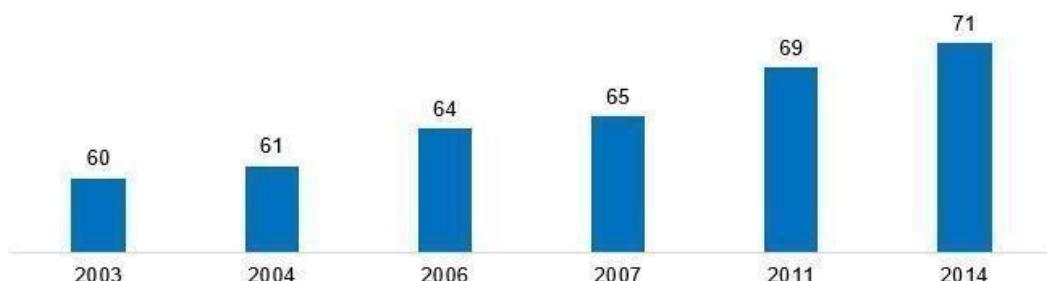


Fig.1: Literacy of total rural population

1.2.5. Agriculture sector: It is the driving force of India. A large number of the Indian population is involved in the agriculture and allied industries' business. Similarly, there are many sectors originating out of rural society driving the economy.

2. Literature Review

- Sharma et al (1977:14)20 are convinced that Rural Development as a concept and a reality has suffered intellectual importations, heavily biased by philosophical method logical assumptions quite unrelated to the actual configuration of problem situation. Over the years, it has created ambivalence and equivocation among those who regard rural reconstruction as a faith and a mission to the soil. It would be neither charitable nor compatible to blame wholly the lack of policy emphasis or even its clear articulation to account for the inadequate pace of rural development but the very nature of the process is extremely complex, requiring multidimensional approach and interdisciplinary knowledge. The effort also suffered owing both to paucity of resources and lack of commitment, not altogether unexpected in nation-building activities of developing countries having traditional societies.[1]
- Reddy et al (1985:238)21 in their study of Andhra Pradesh came to the conclusion that the policy for small farmers“ development could not create a significant impact on the target groups. The schemes proved to be too ill organized to be viable. In fact some of the schemes proved to be counterproductive. The agricultural labourers are not only bypassed but are put to great misery. The administrative machinery is not property oriented, nor is it vigorous to help the poor. The middlemen, as a result, have been appropriating the benefits. The poor as a class are yet to develop participative culture to overcome the serious limitations of a public policy and an egalitarian socioeconomic system. Thus, the Small Farmers Development Agency, another important public policy like the green revolution failed to make a positive impact on the rural poor. Regarding loopholes of the Rural Development Programme, Meheshwari (1985:217)22 comments that Rural Development Programmes in India suffer from a high degree of centralization as illustrated by the IRDP. This programme has been formulated in great detail at the central level with little flexibility permitted at the implementation level; so much so that it may not be very inappropriate to say that this programme is for the people but certainly not by the people and of the people. India is an example of a country which is seeking to promote rural development purely through its regular bureaucracy with little involvement of participation by the people.[2]
- Ghose (1986:15)23 in an article on IRDP says that one of the most important findings of this

concurrent evaluation is that the investment per beneficiary family under the IRDP has been rather low, particularly in view of the fact that the poverty line has now been redrawn at a annual income of Rs.6400. It was previously Rs.3600 only. As a result, a large section of the families which had received loans and subsidies during the sixth plan in order to enable them to increase their income by exploit in gassets acquired by such assistance, did not actually cross the poverty line. All of them have to be given a supplementary dose of assistance so that they crossed the poverty line and the investments already made on them did not go waste.[3]

3. Proposed Work

The Rural development website is aware of a number of development programs for eradicating rural poverty through the seamless efforts of the Government of India and the state Government. In addition to programs funded by the Government of India, the state Government and the state Government has launched several innovative public welfare programs from its financial resources to eradicate poverty. Rural development website is also aware of several programs in the area of self-employment ,employment , rural housing , rural connectivity ,village development etc. For rural economy and infrastructure development . Under the innovative initiative taken by the state government, Schemes are being implemented with state financial resources in the area of rural housing. The Government is determined to make the residential facility accessible to all poor people, local employment to every unemployed and self-employment by connecting each family with self-employment. But most of the people do not know about all the schemes ,while this poor or rural person is not able to take advantage of these schemes. So rural development websites play a very important role in implementation of poverty alleviation programs, there is an active role in the selection, planning, execution and maintenance of various welfare schemes by the help of various sections.

4. Methodology

- 4.1. **Planning and Platform:** In this phase we are analysing the need of the project and according to the need, collect images and content and decide how many webpages to create, after deciding to find the appropriate platform for making our project and work on it.
- 4.2. **Install Packages :** In this phase, Install all the packages that are necessary for our project like express.js, ejs template engine , mongoose etc.
- 4.3. **Create web pages:** In this phase create web pages and style these webpages for creating the webpages we use ejs template engine and CSS files.
 - **Registration Page:** A signup page (also known as a registration page) enables users and organizations to independently register and gain access to your system. It is common to have multiple signup pages depending on the types of people and organizations you want to register.
 - **Home Page:** A home page is the primary web page that a visitor will view when they navigate to a website via a search engine, and it may also function as a landing page to attract visitors.. In some cases, the home page is a site directory, particularly when a website has multiple home pages.
 - **Education Section:** The education section covers various government schemes that can come to the students discretion and are cost effective and can come handy.
 - **Health Section:** The health section covers various government schemes that can help the rural people in many ways and forms and can be affordable and easy to apply. Even the uneducated sector can understand the simple rules and make use of them for their benefit.
 - **Agriculture Section:** This section includes all the relevant information for the “KRISHI SAMAAJ!”
 - **Complaint Box:** The box can be used by the users in case of any disorder or malfunctioning of the website and in case of any misinformation provided and how the users can apply for various schemes. This is also accessible from all other pages.

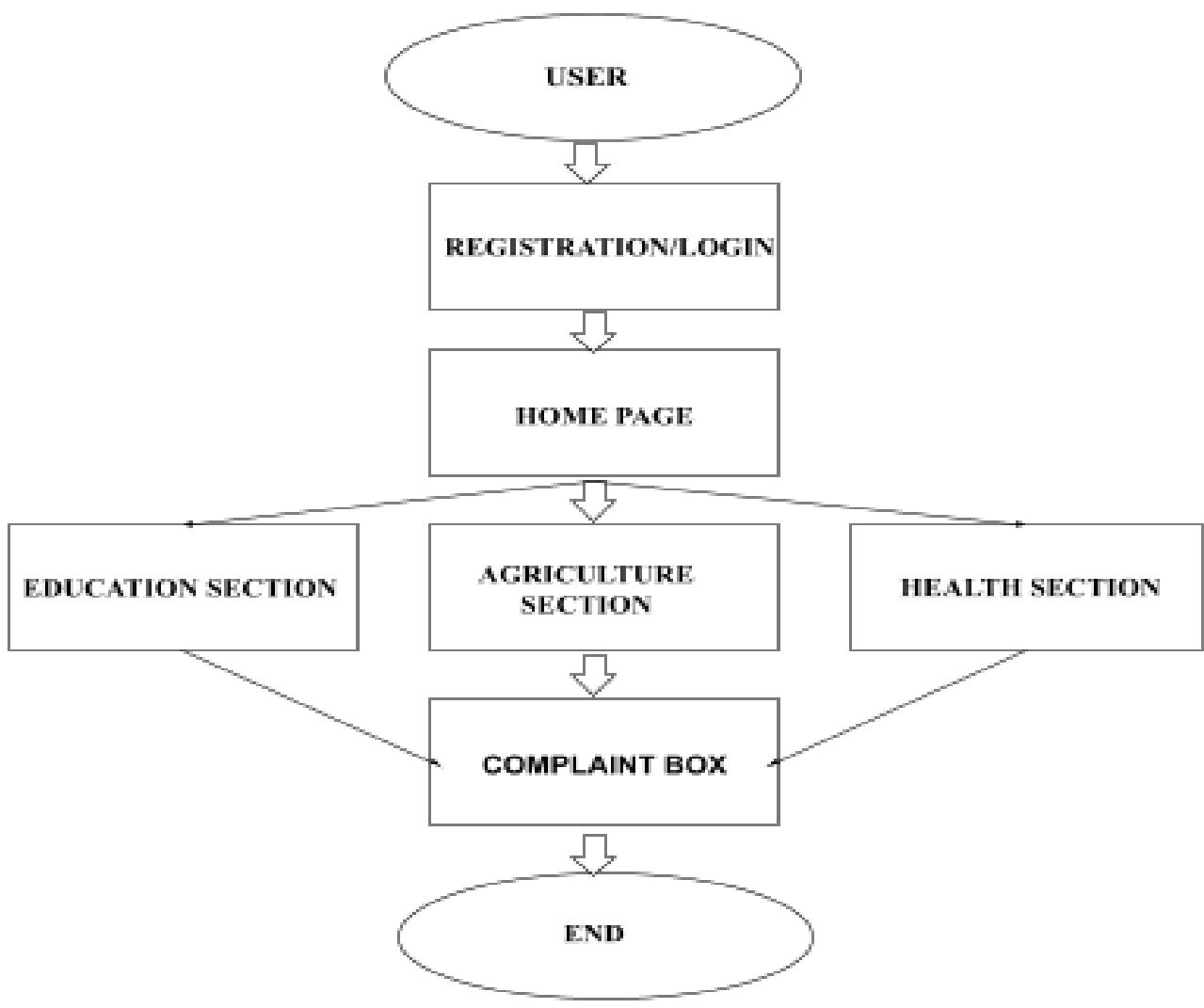


Fig.2: Flowchart demonstration of the website flow

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <!-- <link rel="stylesheet" href="https://fonts.googleapis.com/css2?family=Jost:wght@500&display=swap"> -->
    <link rel="stylesheet" href="css/style.css">
</head>
<body>
    <h1 style="color: #rgb(34, 3, 3); "><%= title %></h1>
    <h1 style="color: #rgb(65, 211, 7); "><%= password %></h1>
    <h1 style="color: #rgb(255, 0, 200); "><%= email %></h1>
    <div class="main">
        <input type="checkbox" id="chk" aria-hidden="true">
        <div class="signup">
            <form action="/register" method="post">
                <label for="chk" aria-hidden="true">Sign up</label>
                <input type="text" name="name" placeholder="User name">
                <input type="number" name="number" placeholder="Phone number">
                <input type="email" name="email" placeholder="Email">
                <input type="password" name="password" placeholder="password">
                <input type="password" name="cpassword" placeholder="Confirm Password">
                <button type="submit">Sign up</button>
            </form>
        </div>
        <div class="login">
            <form action="/login" method="post">
                <label for="chk" aria-hidden="true">Login</label>
                <input type="email" name="email" placeholder="Email" required="">
                <input type="password" name="password" placeholder="password" required="">
                <button>Login</button>
            </form>
        </div>
    </div>

```

fig.3: Sign Up/Login Page Code

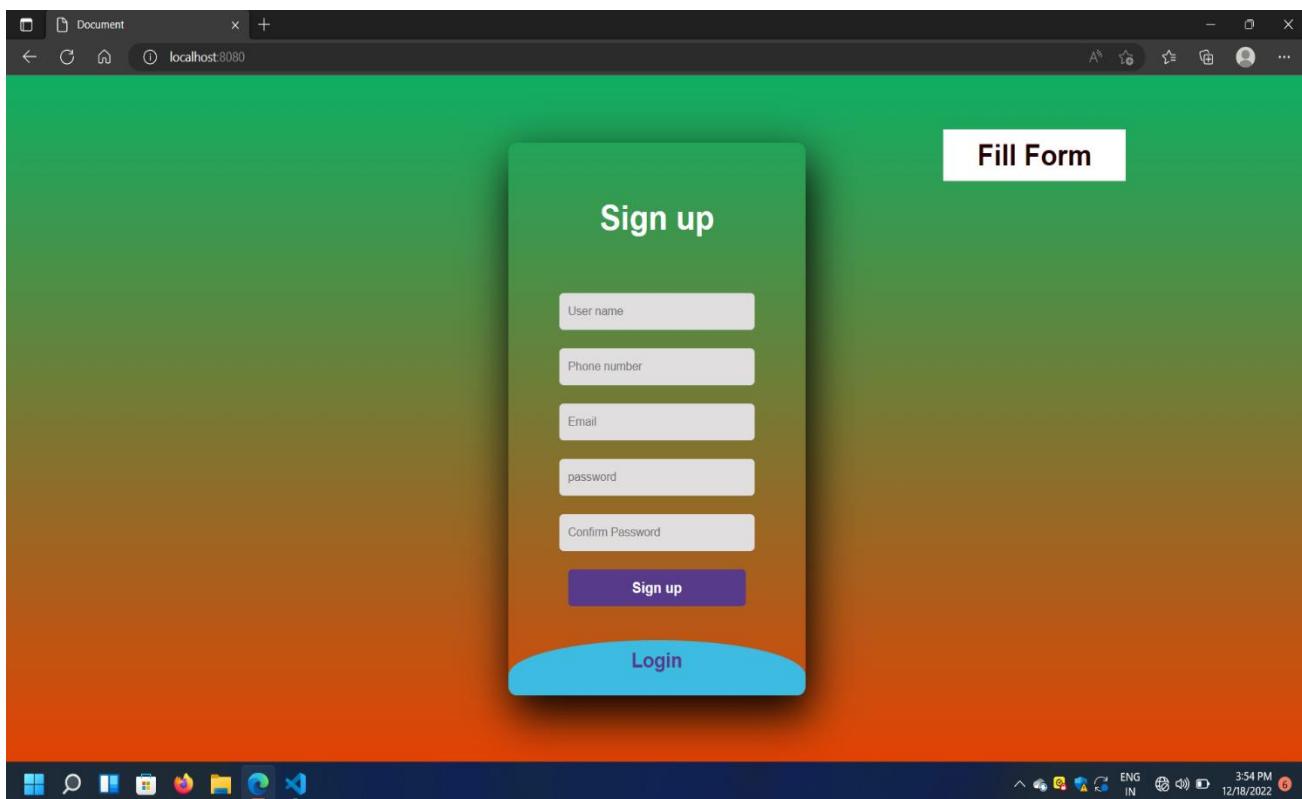


fig.4: Sign Up Page Output

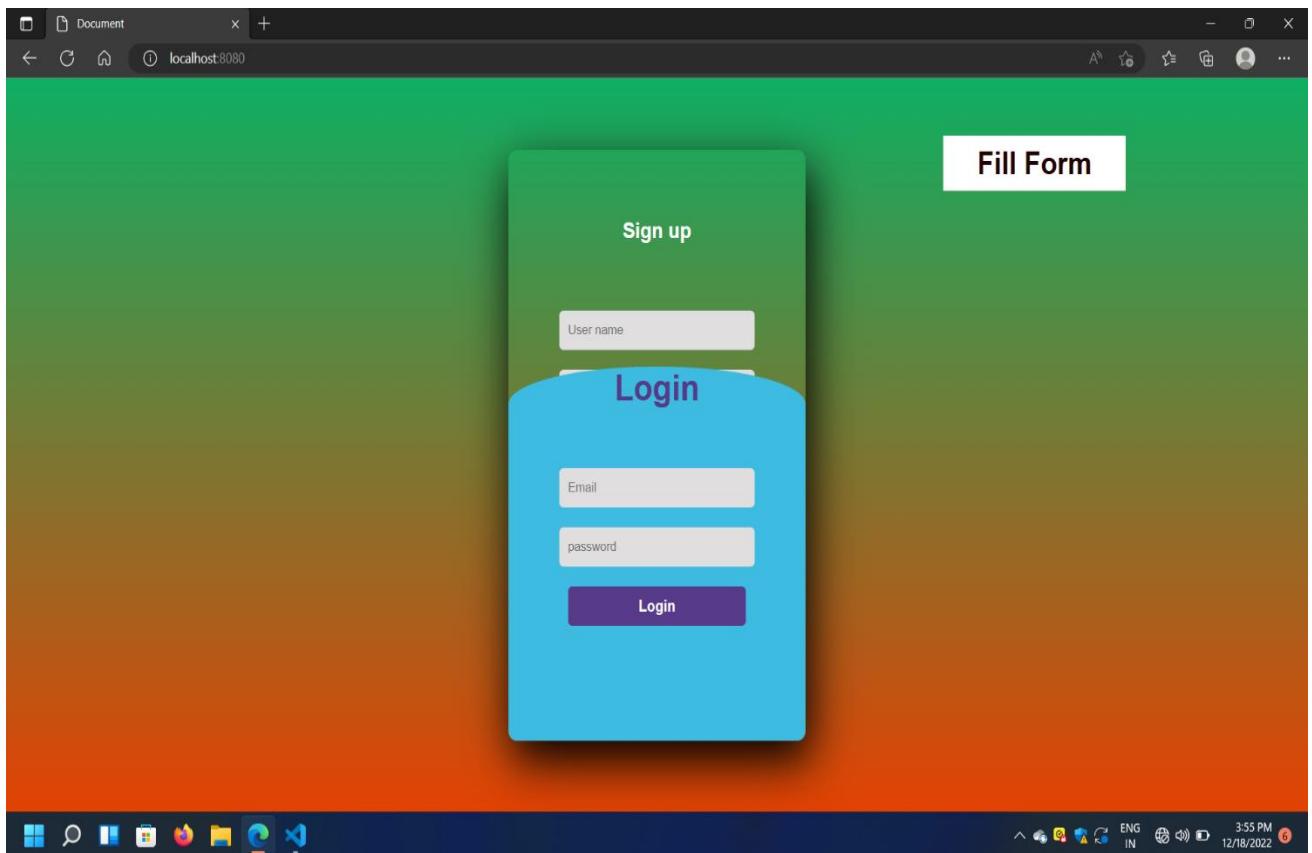


fig.5: Login Page Output

File Edit Selection View Go Run Terminal Help index.ejs - folder - Visual Studio Code

EXPLORER FOLDER views > index.ejs > html > body > div.main > div.gal1 > img.Himg

```

1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Document</title>
8      <link rel="stylesheet" href="css/index.css">
9  </head>
10 <body>
11     <div class="container">
12         <div class="data">
13             
14             <p>+91 6386561331</p>
15         </div>
16         <div class="data">
17             
18             <p>alokpandey6386561331@gmail.com</p>
19             <div class="google" id="google_translate_element"></div>
20         </div>
21         <div class="n">
22             <div class="na">
23                 <nav>
24                     <ul>
25                         <li> <a class="active" href="/index">Home</a></li>
26                         <li> <a href="/health">Health</a></li>
27                         <li> <a href="/edu">Education</a></li>
28                         <li> <a href="/agri">Agriculture</a></li>
29                         <li> <a href="/complain">Complain Box</a></li>
30                     </ul>
31                 </nav>
32             </div>
33         </div>
34     </div>
35     <div class="nav"></div>
36 
```

Ln 88, Col 44 Spaces: 2 UTF-8 CRLF HTML Go Live

OUTLINE TIMELINE

fig.6: Home Page Code1

```

File Edit Selection View Go Run Terminal Help index.ejs - folder - Visual Studio Code
EXPLORER views > index.ejs > html > body > div.main > div.gal1 > div.desc
FOLDER
Prerana.jpg 49 </div>
RADP.jpg 50 <div class="gal1">
reliance.png 51 
RMNCH+A.jpg 52 <div class="desc">Nurse are unique kind.They have this insatiable need to care for others,which is both their greatest strength and fatal flaw.
Sakshar.jpg 53 </div>
saksham.jpg 54 </div>
samagra.jpg 55 </div>
Samridhi.jpg 56 <div class="gal1">
Sarva.jpg 57 
Smartiwebp 58 <div class="desc">This life is a hospital in which every patient is possessed with a desire to change his bed. </div>
sspcja.jpg 59 </div>
sss.jpg 60 <div class="gal1">
student.webp 61 
teacher.jpe 62 <div class="desc">Medicine is a science of uncertainty and an art of probability.</div>
UGC chairman.webp 63 </div>
ultratech.png 64 <div class="gal1">
wipro.jpg 65 
<div class="desc">A teacher affects eternity; he [or she] can never tell where his influence stops.</div>
</div>
<div class="main">
<div class="gal1">

<div class="desc">Books are the quietest and most constant of friends; they are the most accessible and wisest of counselors, and the most patient of teachers.</div>
</div> <div class="gal1">

<div class="desc">I miss the days in college when my alarm clock would be set in the P.M. Funny how angry I was then and how funny it is now.
</div>

```

Ln 84, Col 51 | Spaces: 2 | UTF-8 | CRLF | HTML | Go Live | 12:42 PM | ENG IN | 12/19/2022

fig.7: Home Page Code2

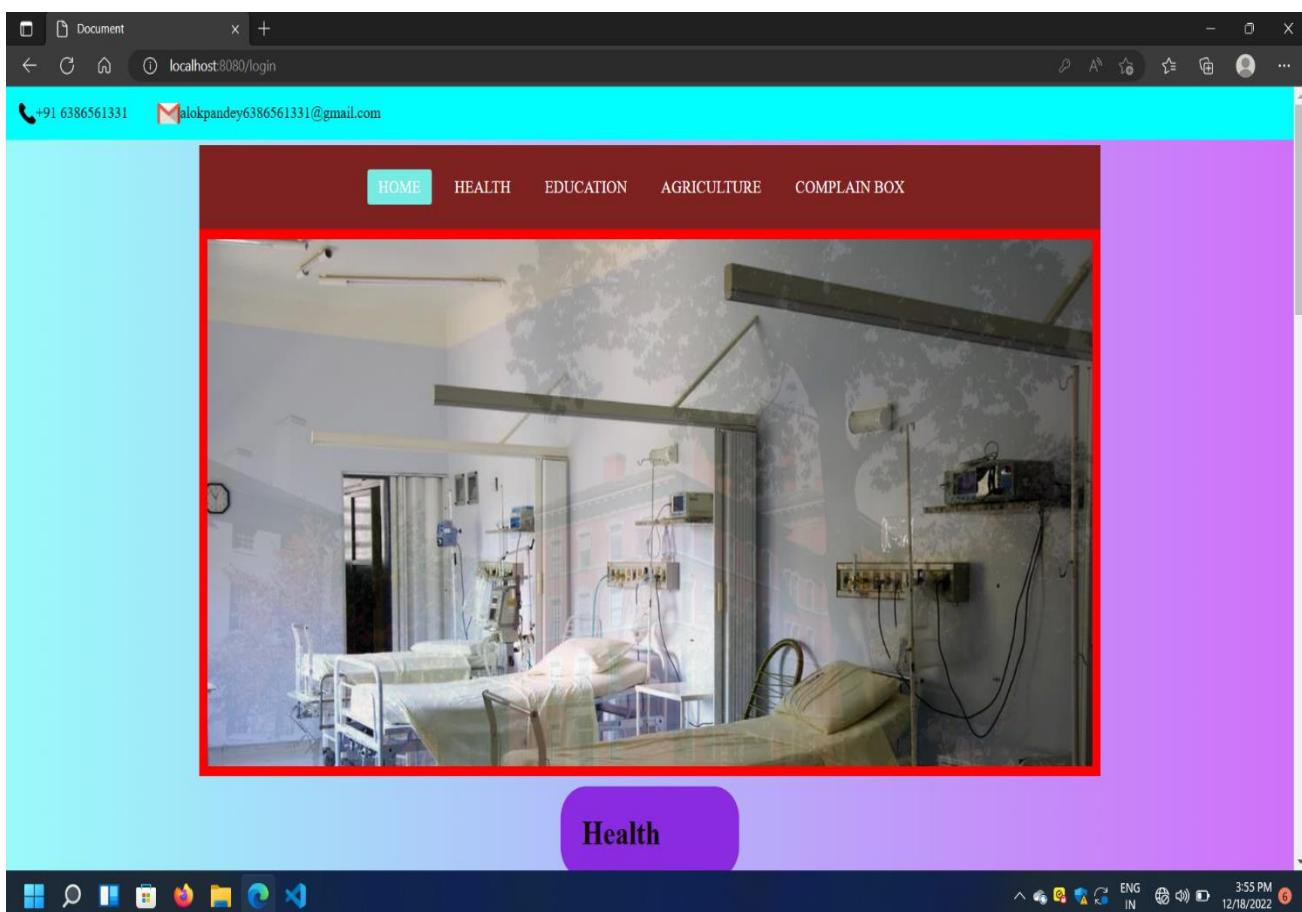


fig.8: Home Page Output

File Edit Selection View Go Run Terminal Help health.ejs - Visual Studio Code

FOLDER views > health.ejs > html > body > section > div.card > p.c > a

```

1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Document</title>
8      <link rel="stylesheet" href="css/health.css">
9  </head>
10 <body>
11     <div class="container">
12         <div class="data">
13             
14             <p>+91 6386561331</p>
15         </div>
16         <div class="data">
17             
18             <p>alokpalley6386561331@gmail.com</p>
19         </div>
20         <div class="n">
21             <div class="na">
22                 <nav>
23                     <ul>
24                         <li><a href="/index">Home</a></li>
25                         <li><a class="active" href="/health">Health</a></li>
26                         <li><a href="/edu">education</a></li>
27                         <li><a href="/agri">Agriculture</a></li>
28                         <li><a href="/c">Complain Box</a></li>
29                     </ul>
30                 </nav>
31             </div>
32         </div>
33     </div>
34 </body>
35 </section>
36
37

```

Ln 150, Col 99 Spaces: 2 UTF-8 CRLF HTML ENG IN 12:42 PM 12/19/2022

fig.9: Health Section Code1

File Edit Selection View Go Run Terminal Help health.ejs - Visual Studio Code

FOLDER views > health.ejs > html > body > section > div.card > h3

```

43 <h3>Ayushman Bharat Scheme</h3>
44 <p class="c">
45 The Ayushman Bharat Scheme is a health insurance scheme designed to unify the
46 segmented health sector in India. It comprises two components: Health and Wellness
47 Centres (HWC) and the Pradhan Mantri Jan Arogya Yojana (PM-JAY). The Health and Wellness
48 Centres are supposed to be better developed versions of Primary Healthcare centres
49 The PM-JAY scheme is a health insurance scheme that offers Rs.
50 5 lakh as the sum assured per family with a premium of Rs. 30.
51 <br><a href="https://www.nhp.gov.in/ayushman-bharat-yojana_pg#:">Scheme Link</a>
52 </p>
53 <br>
54 <h3>Reproductive, Maternal, Newborn, Child and Adolescent Health (RMNCH+A)</h3>
55 <p class="c">
56 Reproductive, Maternal, Newborn, Child and Adolescent Health (RMNCH+A) programme essentially
57 looks to address the major causes of mortality among women and children as well as the delays in
58 accessing and utilizing health care and services. It also introduces new initiatives like the use
59 of Score Card to track health performance, National Iron + Initiative to address the issue of
60 anaemia across all age groups and the Comprehensive Screening
61 and Early interventions for defects at birth, diseases, and deficiencies among children and adolescents.
62 <br><a href="https://www.nhp.gov.in/ayushman-bharat-yojana_pg#:">Scheme Link</a>
63 </p>
64 <br>
65 <h3>Bhamashah Swasthya Bima Yojana:</h3>
66 <p class="c">
67 Bhamashah Swasthya Bima Yojana:
68 Rajasthan government supports insurance initiatives towards its citizens under the Bhamashah Swasthya Bima Yojana.
69 This is a cashless claims scheme for rural people of Rajasthan.
70 There is no prescribed age limit for availing the benefits of this scheme.
71 Those who are a part of the National Food Security Act (NFS) and the Rashtriya
72 Swasthya Bima Yojana (RSBY) are also qualified for this insurance policy. This scheme
73 covers hospitalization expenses for general illness as well as critical illnesses as per the terms
74 and conditions. It covers both in-patient as well as out-patient expenses.
75 <br><a href="https://www.nhp.gov.in/ayushman-bharat-yojana_pg#:">Scheme Link</a>
76 </p>
77 <br>
78 <h3>Central Government Health Scheme (CGHS):</h3>
79 <p class="c">

```

Ln 78, Col 50 Spaces: 2 UTF-8 CRLF HTML ENG IN 12:43 PM 12/19/2022

fig.10: Health Section Code2

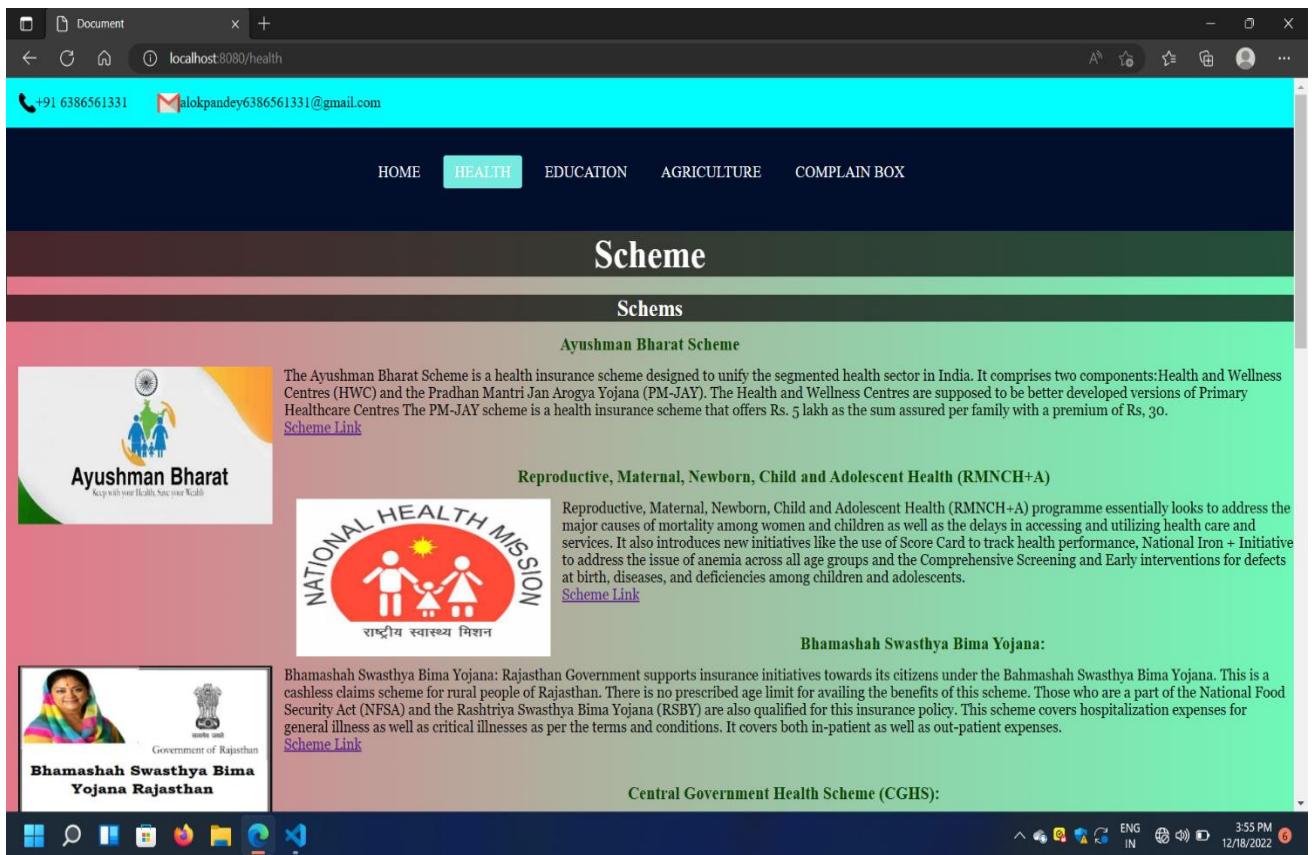


fig.11: Health Section Output

```

File Edit Selection View Go Run Terminal Help
          health.ejs # health.css index.ejs agri.ejs edu.ejs complain.ejs style.css complain.css homeRouter.js home ...
EXPLORER views > edu.ejs > html > body > section > div.card > p.c > a
FOLDER Prerana.jpg
          RADP.jpg
          reliance.png
          RMNCH+A.jpg
          Saakshar.jpg
          saksham.jpg
          samagra.jpg
          Samridhi.jpg
          Sarva.jpg
          Smarti.webp
          sspca.jpg
          sss.jpg
          student.webp
          teacher.jpeg
          UGC chairman.webp
          ultratech.png
          wipro.jpg
routers
          homeRouter.js
views
          agri.ejs
          complain.ejs
          edu.ejs
          health.ejs
          index.ejs
          register.ejs
app.js
{} package-lock.json
{} package.json
OUTLINE
TIMELINE
In 204 Col 97 Spaces 2 UTF-8 CRLF HTML Go Live
Play Now Later
Personas 5 Royal
Join the Phantom Thieves with PC Game Pass
12:43 PM 12/19/2022

```

fig.12:Education Section Code1

```

File Edit Selection View Go Run Terminal Help
explorer views > edu.ejs # health.css index.ejs agriejs edu.ejs complain.ejs style.css complain.css homeRouter.js home
FOLDER
Prerana.jpg 45
RADP.jpg 46
reliance.png 47
RMNCH+A.jpg 48
Sakshar.jpg 49
saksham.jpg 50
samagra.jpg 51
Samridhi.jpg 52
Sarva.jpg 53
Smartiwebp 54
Smartiwebp 55
sscpa.jpg 56
sss.jpg 57
student.webp 58
teacher.jpeg 59
UGC chairman.webp 60
ultratech.png 61
wipro.jpg 62
wipro.jpg 63
wipro.jpg 64
wipro.jpg 65
wipro.jpg 66
wipro.jpg 67
wipro.jpg 68
wipro.jpg 69
wipro.jpg 70
wipro.jpg 71
wipro.jpg 72
wipro.jpg 73
wipro.jpg 74
wipro.jpg 75
wipro.jpg 76
wipro.jpg 77
wipro.jpg 78
wipro.jpg 79
wipro.jpg 80
wipro.jpg 81
views > edu.ejs > html > body > section > div > p.c > a
<p class="c">
The Government of India has launched many projects to promote the schemes of teaching and devices of training throughout nation since the year 2000. All the state governments are being provided proper guidelines and financial assistance. New educational institutions are being established with the construction of school buildings, supplementary classrooms and laboratories play grounds, safe drinking water, toilets etc.
Employment of regular and well qualified teaching and official staff is very essential and is being taken care of. The students are being given assistance of free textbooks, uniforms, sports' equipments and support for improving learning under the Sarva Shiksha Abhiyan Scheme.
<br><a href="https://www.nhp.gov.in/ayushman-bharat-yojana_pg#:">Scheme Link</a>
</p>
<br>
<h3> Mid-Day Meal Scheme</h3>
<p class="c">
Mid Day Meal Scheme in India was launched on 15th August 1995. All the students at government and aided schools are served with prominent, healthy and tasteful food during their stay at school. The diet is given with specified menu for about 200 days per annum, having about 300 calories, supplemented with nutritious variety of food (supported with sufficient proteins, minerals and vitamins). The objectives of Mid-Day Meal Scheme is to motivates poor students to acquire admissions and progress with health improvement with higher retention. This scheme comes under the Ministry of HRD Government of India.
<br><a href="https://www.nhp.gov.in/ayushman-bharat-yojana_pg#:">Scheme Link</a>
</p>
<br>
<h3>Rashtriya Madhyamik Shiksha Abhiyan</h3>
<p class="c">
Rashtriya Madhyamik Shiksha Abhiyan (RMSA) Programme has been projected by Government of India since March, 2009, to improve upon the accessibility and quality of secondary education. This plan has raised the rate of enrollment from 52% during 2005-2006 to about 75%. The implementation of this scheme targets discarding barrier of gender, caste and creed, socio-economic and disability fence and also gives universal reach to secondary level education by the present year of 2017.
<br><a href="https://www.nhp.gov.in/ayushman-bharat-yojana_pg#:">Scheme Link</a>
</p>
<br>
<h3>National Scheme of Incentives to Girls for Secondary Education</h3>
<p class="c">
The central government of India has taken an extraordinary decision to enhance the enrollment of young girls (in the age group of 14 to 18 years) at secondary stage

```

In 204, Col 97 Spaces: 2 UTF-8 CRLF HTML Go Live 12:43 PM ENG IN 12/19/2022

fig.13: Education Section code2

Document localhost:8080/edu

+ [HOME](#) [HEALTH](#) **EDUCATION** [AGRICULTURE](#) [COMPLAIN BOX](#)

Scheme

Schemes

Sarva Shiksha Abhiyan

The Government of India has launched many projects to promote the schemes of teaching and devices of training throughout nation since the year 2000. All the state governments are being provided proper guidelines and financial assistance. New educational institutions are being established with the construction of school buildings, supplementary classrooms and laboratories play grounds, safe drinking water, toilets etc. Employment of regular and well qualified teaching and official staff is very essential and is being taken care of. The students are being given assistance of free textbooks, uniforms, sports' equipments and support for improving learning under the Sarva Shiksha Abhiyan Scheme.
[Scheme Link](#)

EDUCATION FOR ALL

Mid-Day Meal Scheme

Mid Day Meal Scheme in India was launched on 15th August 1995. All the students at government and aided schools are served with prominent, healthy and tasteful food during their stay at school. The diet is given with specified menu for about 200 days per annum, having about 300 calories, supplemented with nutritious variety of food (supported with sufficient proteins, minerals and vitamins). The objectives of Mid-Day Meal Scheme is to motivates poor students to acquire admissions and progress with health improvement with higher retention. This scheme comes under the Ministry of HRD Government of India.
[Scheme Link](#)

Rashtriya Madhyamik Shiksha Abhiyan

Rashtriya Madhyamik Shiksha Abhiyan (RMSA) Programme has been projected by Government of India since March, 2009, to improve upon the accessibility and quality of secondary education. This plan has raised the rate of enrollment from 52% during 2005-2006 to about 75%. The implementation of this scheme targets discarding barrier of gender, caste and creed, socio-economic and disability fence and also gives universal reach to secondary level education by the present year of 2017.
[Scheme Link](#)

fig.14: Education Section output

File Edit Selection View Go Run Terminal Help

agri.ejs - folder - Visual Studio Code

EXPLORER views > agri.ejs > health.ejs > index.ejs > agri.ejs > edu.ejs > complain.ejs > style.css > complain.css > homeRouter.js > home.js

```

1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Document</title>
8      <link rel="stylesheet" href="css/agri.css">
9  </head>
10 <body>
11     <div class="container">
12         <div class="data">
13             
14             <p>+91 6386561331</p>
15         </div>
16         <div class="data"> 
17             <p>alokpande6386561331@gmail.com</p>
18         </div>
19     </div>
20     <div class="n">
21         <div class="na">
22             <nav>
23                 <ul>
24                     <li> <a href="/index">Home</a></li>
25                     <li> <a href="/health">Health</a></li>
26                     <li> <a href="/edu">Education</a></li>
27                     <li> <a class="active" href="/agri">Agriculture</a></li>
28                     <li> <a href="#">Account</a></li>
29                 </ul>
30             </nav>
31         </div>
32     </div>
33 </div>
34 </div>
35 </div>
36 </div>
37 </section>

```

Ln 144, Col 94 Spaces: 2 UTF-8 CRLF HTML ⚡ Go Live 🔍

File Edit Selection View Go Run Terminal Help

agri.ejs - folder - Visual Studio Code

EXPLORER views > agri.ejs > health.ejs > index.ejs > agri.ejs > edu.ejs > complain.ejs > style.css > complain.css > homeRouter.js > home.js

fig.15:Agriculture Section Code1

File Edit Selection View Go Run Terminal Help

agri.ejs - folder - Visual Studio Code

EXPLORER views > agri.ejs > health.ejs > index.ejs > agri.ejs > edu.ejs > complain.ejs > style.css > complain.css > homeRouter.js > home.js

```

1 // Kisan Credit Card Scheme is another important Government Scheme for the welfare of farmers that provides
2 // farmers with timely access to credit for their harvest. Initially Kisan Credit Card scheme was
3 // introduced in the year 1998 to provide short-term formal credit to the farmers. KCC scheme was
4 // launched to ensure that the credit requirements for cultivators in agriculture sector, fisheries
5 // & animal husbandry sector were being met. Under this scheme, farmers are given short-term loans
6 // for purchasing equipment and other expenses
7 // as well on a very nominal rate of interest. Most of the Banks like SBI, HDFC, ICICI, Axis are offering KCC.
8 <br><a href="https://www.nhp.gov.in/ayushman-bharat-yojana_pg#:">Scheme Link</a>
9 </p>
10 <br>
11 <h3> Pushu Kisan Credit Card Scheme</h3>
12 <p class="c">
13 For the growth and development of animal husbandry sector in India, Government of
14 India has launched Pushu Kisan Credit Card for livestock farmers. Haryana is the
15 first state in the country to provide Pushu Kisan Credit Card to their farmers.
16 Under this scheme, farmers are given loan to buy cow,
17 buffalo, goat etc and the loan can be obtained from the nearest Bank..
18 <br><a href="https://www.nhp.gov.in/ayushman-bharat-yojana_pg#:">Scheme Link</a>
19 </p>
20 <br>
21 <h3> Paramparagat Krishi Vikas Yojana (PKVY)</h3>
22 <p class="c">
23 To promote organic cultivation in India Paramparagat Krishi Vikas Yojana is
24 implemented by the Government. This will improve soil health as well as
25 organic matter content and will boost the net income of the farmer so as to realize premium prices.
26 <br><a href="https://www.nhp.gov.in/ayushman-bharat-yojana_pg#:">Scheme Link</a> </p>
27 <br>
28 <h3> Pradhan Mantri Krishi Sinchay Yojana (PMKSY)</h3>
29 <p class="c">
30 Pradhan Mantri Krishi Sinchay Yojana was launched on 1 July 2015 to achieve the aim Har Khet
31 Ko Paani and to provide end-to-end solutions in irrigation supply chain, viz. water sources,
32 distribution network & farm level applications. PMKSY focuses on creating sources for assured
33 irrigation. This also aims to create protective irrigation by harnessing rain water at micro level
34 through Jal Sanchay and Jal sinchan. Below are some important components of this scheme;
35 <br><a href="https://www.nhp.gov.in/ayushman-bharat-yojana_pg#:">Scheme Link</a>
36 </p>
37 <br>

```

Ln 144, Col 94 Spaces: 2 UTF-8 CRLF HTML ⚡ Go Live 🔍

File Edit Selection View Go Run Terminal Help

agri.ejs - folder - Visual Studio Code

EXPLORER views > agri.ejs > health.ejs > index.ejs > agri.ejs > edu.ejs > complain.ejs > style.css > complain.css > homeRouter.js > home.js

fig.16: Agriculture Section Code2

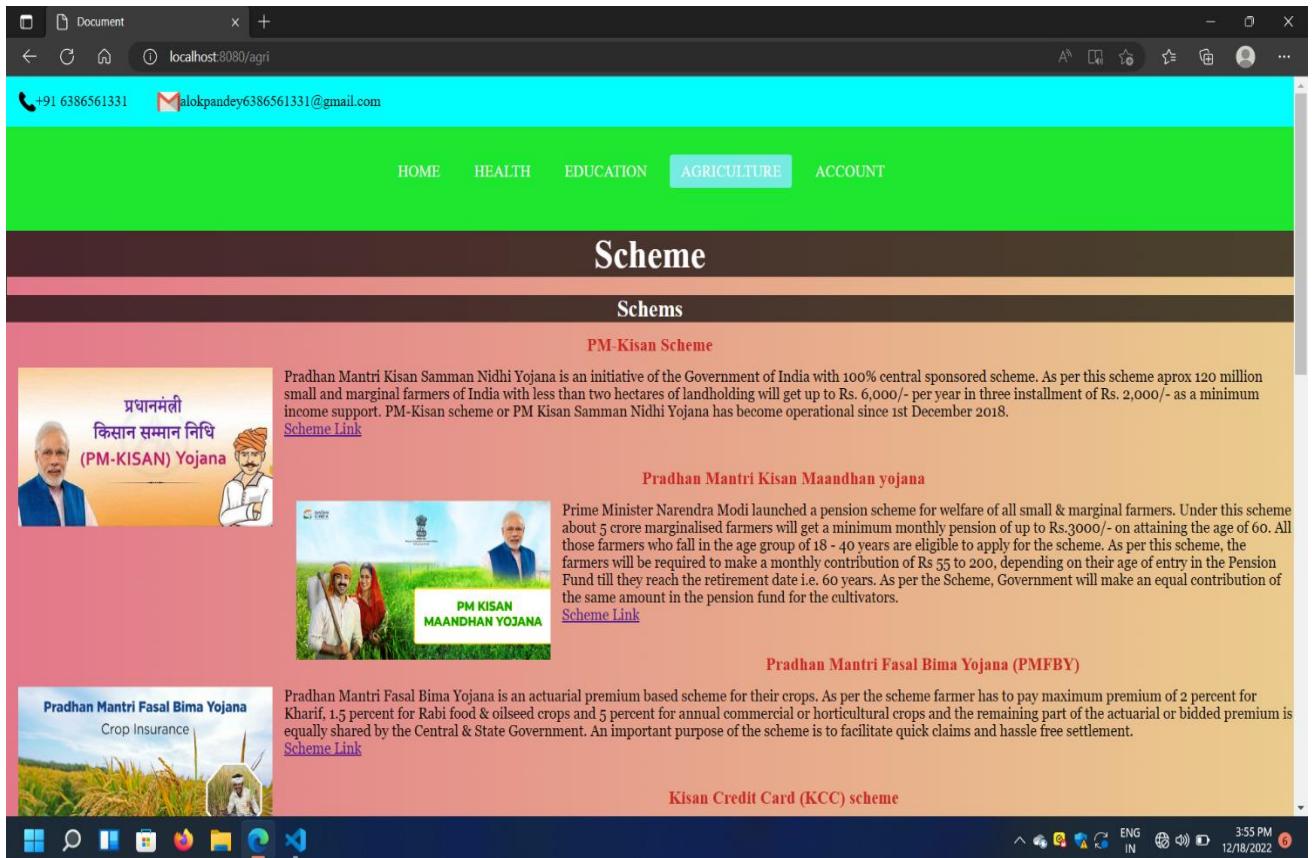


fig.17: Agriculture Section output

```

{
  "name": "folder - Visual Studio Code",
  "version": "2.10.0",
  "private": true,
  "dependencies": {
    "aws-crypto": {
      "version": "2.0.0",
      "resolved": "https://registry.npmjs.org/aws-crypto/-/aws-crypto-2.0.0.tgz",
      "integrity": "sha512-+Xn135NKzjgMrwevysHTCArtLDPVye8zV/0E4EyN43P7/7qvQPh9BkHewbMuvnbtbigmCT7rdX3BNo9wRJg==",
      "optional": true
    },
    "aws-crypto-util": {
      "version": "1.14.1",
      "resolved": "https://registry.npmjs.org/aws-crypto-util/-/aws-crypto-util-1.14.1.tgz",
      "integrity": "sha512-Xni35NKzjgMrwevysHTCArtLDPVye8zV/0E4EyN43P7/7qvQPh9BkHewbMuvnbtbigmCT7rdX3BNo9wRJg==",
      "optional": true
    },
    "aws-crypto-iei11-detection": {
      "version": "2.0.0",
      "resolved": "https://registry.npmjs.org/aws-crypto-ie11-detection/-/aws-crypto-ie11-detection-2.0.0.tgz",
      "integrity": "sha512-+Xn135NKzjgMrwevysHTCArtLDPVye8zV/0E4EyN43P7/7qvQPh9BkHewbMuvnbtbigmCT7rdX3BNo9wRJg==",
      "optional": true
    },
    "aws-crypto-sha256-browser": {
      "version": "2.0.0",
      "resolved": "https://registry.npmjs.org/aws-crypto-sha256-browser/-/aws-crypto-sha256-browser-2.0.0.tgz",
      "integrity": "sha512-+Xn135NKzjgMrwevysHTCArtLDPVye8zV/0E4EyN43P7/7qvQPh9BkHewbMuvnbtbigmCT7rdX3BNo9wRJg==",
      "optional": true
    },
    "aws-crypto-tslib": {
      "version": "1.14.1",
      "resolved": "https://registry.npmjs.org/aws-crypto-tslib/-/aws-crypto-tslib-1.14.1.tgz",
      "integrity": "sha512-Xni35NKzjgMrwevysHTCArtLDPVye8zV/0E4EyN43P7/7qvQPh9BkHewbMuvnbtbigmCT7rdX3BNo9wRJg==",
      "optional": true
    },
    "aws-sdk": {
      "version": "3.1.0",
      "resolved": "https://registry.npmjs.org/aws-sdk/-/aws-sdk-3.1.0.tgz",
      "integrity": "sha512-+Xn135NKzjgMrwevysHTCArtLDPVye8zV/0E4EyN43P7/7qvQPh9BkHewbMuvnbtbigmCT7rdX3BNo9wRJg==",
      "optional": true
    },
    "aws-sdk-types": {
      "version": "3.1.0",
      "resolved": "https://registry.npmjs.org/aws-sdk-types/-/aws-sdk-types-3.1.0.tgz",
      "integrity": "sha512-+Xn135NKzjgMrwevysHTCArtLDPVye8zV/0E4EyN43P7/7qvQPh9BkHewbMuvnbtbigmCT7rdX3BNo9wRJg==",
      "optional": true
    },
    "aws-sdk-util-locate-window": {
      "version": "3.0.0",
      "resolved": "https://registry.npmjs.org/aws-sdk-util-locate-window/-/aws-sdk-util-locate-window-3.0.0.tgz",
      "integrity": "sha512-+Xn135NKzjgMrwevysHTCArtLDPVye8zV/0E4EyN43P7/7qvQPh9BkHewbMuvnbtbigmCT7rdX3BNo9wRJg==",
      "optional": true
    },
    "aws-sdk-util-utf8-browser": {
      "version": "3.0.0",
      "resolved": "https://registry.npmjs.org/aws-sdk-util-utf8-browser/-/aws-sdk-util-utf8-browser-3.0.0.tgz",
      "integrity": "sha512-+Xn135NKzjgMrwevysHTCArtLDPVye8zV/0E4EyN43P7/7qvQPh9BkHewbMuvnbtbigmCT7rdX3BNo9wRJg==",
      "optional": true
    },
    "aws-sdk-util": {
      "version": "3.0.0",
      "resolved": "https://registry.npmjs.org/aws-sdk-util/-/aws-sdk-util-3.0.0.tgz",
      "integrity": "sha512-+Xn135NKzjgMrwevysHTCArtLDPVye8zV/0E4EyN43P7/7qvQPh9BkHewbMuvnbtbigmCT7rdX3BNo9wRJg==",
      "optional": true
    },
    "aws-sdk-typescript": {
      "version": "3.0.0",
      "resolved": "https://registry.npmjs.org/aws-sdk-typescript/-/aws-sdk-typescript-3.0.0.tgz",
      "integrity": "sha512-+Xn135NKzjgMrwevysHTCArtLDPVye8zV/0E4EyN43P7/7qvQPh9BkHewbMuvnbtbigmCT7rdX3BNo9wRJg==",
      "optional": true
    }
  }
}

```

fig.18:JSON Package Code1

```

{
  "name": "registerloginnode",
  "version": "1.0.0",
  "lockfileVersion": 2,
  "requires": true,
  "packages": {
    "": {
      "name": "registerloginnode",
      "version": "1.0.0",
      "license": "ISC",
      "dependencies": {
        "body-parser": "^1.20.1",
        "ejs": "3.1.8",
        "express": "4.18.2",
        "mongodb": "4.12.1",
        "mongoose": "6.7.3",
        "nodemon": "2.0.20"
      }
    },
    "node_modules/@aws-crypto/ie11-detection": {
      "version": "2.0.2",
      "resolved": "https://registry.npmjs.org/@aws-crypto/ie11-detection/-/ie11-detection-2.0.2.tgz",
      "integrity": "sha512-5XDMQY9gMAfWRTic5G++jfmS/LM8rwpI0paainK4L8ngWMSB1SzsrE65rjFZGYN6ZAfO+/Yta2dFM8kMw==",
      "optional": true,
      "dependencies": {
        "tslib": "1.11.1"
      }
    },
    "node_modules/@aws-crypto/ie11-detection/node_modules/tslib": {
      "version": "1.14.1",
      "resolved": "https://registry.npmjs.org/tslib/-/tslib-1.14.1.tgz",
      "integrity": "sha512-Xni35NKzjgMrweysshTCarlDpPye8zV/0E4EyN43P7/qvQPh98GkIewbMuVntbigmCT7rdX3BNlo9wR)g==",
      "optional": true
    },
    "node_modules/@aws-crypto/sha256-browser": {
      "version": "2.0.0",
      "resolved": "https://registry.npmjs.org/@aws-crypto/sha256-browser/-/sha256-browser-2.0.0.tgz"
    }
  }
}

```

fig.19:JSON Package Code2

```

const express = require("express");
const mongoose = require("mongoose");
const bodyParser = require("body-parser");
const homeRouter = require("./routers/homeRouter");

const port = process.env.port || 8080;
const app = express();

app.set('view engine', 'ejs')

app.get('/edu',(req,res)=>{
  res.render('edu')
})
app.get('/agri',(req,res)=>{
  res.render('agri')
})
app.get('/register',(req,res)=>{
  res.render('register')
})
app.get('/index',(req,res)=>{
  res.render('index')
})
app.get('/complain',(req,res)=>{
  res.render('complain')
})


```

fig.20:Aap.JS Code

The screenshot shows the Visual Studio Code interface with the file `homeRouter.js` open. The code defines a `Router.post('/complain')` callback function. It starts by requiring `express`, `homeschema`, and `home1Schema`. It then handles a GET request for the root path and a POST request for '/register'. The POST handler tries to parse the request body into a user object and save it to the database. If successful, it renders a registration success message; if there's an error or if the password doesn't match, it renders an error message.

```
const express = require("express");
const homeschema = require("./models/homeSchema");
const home1Schema = require("../models/home1Schema");
const Router = express.Router();

Router.get('/',(err,res)=>{
    res.render("register",{title : "Fill Form",password:"",email:""})
})

Router.post('/register',async (req,res)=>{
    try{
        const{
            name,
            number,
            email,
            password,
            cpassword
        }= req.body;

        if( password === cpassword){

            console.log(name)
            const userData = new homeschema({
                name,
                number,
                email,
                password
            })
            console.log(name)
            userData.save(err=>{
                if(err){
                    res.render("register",{title : 'sorry This Mail already exist',password:"",email:""})
                }
                else{
                    res.render("register",{title : 'success',password:"",email:""})
                }
            })
        }
    }
})
```

fig.21:Router.JS Code1

The screenshot shows the Visual Studio Code interface with the file `homeRouter.js` open. The code defines a `Router.post('/complain')` callback function. It starts by requiring `express`, `homeschema`, and `home1Schema`. It then handles a POST request for '/complain'. The handler checks if the complainbox is empty. If not, it creates a `user2Data` object with the provided name, number, email, and complainbox, and saves it to the database. If successful, it renders a success message; if there's an error or the box is empty, it renders an error message. It also catches any errors and renders an error page.

```
= req.body;
if( complainbox.length != 0){
    console.log(name)
    const user2Data = new home1Schema({
        name,
        number,
        email,
        complainbox
    })
    console.log(name)
    user2Data.save(err=>{
        if(err){
            res.render("complain",{title : " Type Complain",complainbox:"",email:""})
        }
        else{
            res.render("complain",{title : 'Submitted',complainbox:"",email:""})
        }
    })
}
else{
    res.render("complain",{title : "Complain Box Is Empty",complainbox:"",email:""})
}
} catch(error){
    res.render("complain",{title : 'Error in Code',complainbox:"",email:""})
}

module.exports = Router;
```

fig.22:Router.JS Code2

```

File Edit Selection View Go Run Terminal Help package-lock.json - folder - Visual Studio Code
EXPLORER ... agri.ejs edu.ejs complain.ejs # style.css # complain.css JS homeRouter.js JS home1Schema.js package-lock.json JS homeSchema.js ...
FOLDER package-lock.json > {} packages
pragati.jpg 64 "@aws-sdk/types": "^3.1.0",
Prerana.jpg 65 "tslib": "^1.11.1"
RADP.jpg 66 }
reliance.png 67 },
RMNCH+A.jpg 68 "node_modules/@aws-crypto/sha256-js/node_modules/tslib": {
Saakshar.jpg 69 "version": "1.14.1",
saksham.jpg 70 "resolved": "https://registry.npmjs.org/tslib/-/tslib-1.14.1.tgz",
samagra.jpg 71 "integrity": "sha512-XnI35NKzjgHrwevysHTCArtLDPVye8zV/0E4EyYn43P7/7qvQwPh98GkHewbMuvnbtbigmCTrdX3BNo9wR]g==",
Samridhi.jpg 72 "optional": true
student.webp 73 },
SSC.jpg 74 "node_modules/@aws-crypto/supports-web-crypto": {
Smarti.webp 75 "version": "2.0.2",
SSPCA.jpg 76 "resolved": "https://registry.npmjs.org/@aws-crypto/supports-web-crypto/-/supports-web-crypto-2.0.2.tgz",
teacher.jpg 77 "integrity": "sha512-6mbSslHwZ99CTO0swvCRP3C+VCnzbF+1SnbWxzJ91R0A0JnY2]Eahp8rgmTE0GPfy88rrM27ffgp620Er]Q==",
UGC chairman.webp 78 "optional": true,
ultratech.png 79 "dependencies": {
wipro.jpg 80 "tslib": "^1.11.1"
},
wipro.jpg 81 "node_modules/@aws-crypto/supports-web-crypto/node_modules/tslib": {
wipro.jpg 82 "version": "1.14.1",
wipro.jpg 83 "resolved": "https://registry.npmjs.org/tslib/-/tslib-1.14.1.tgz",
wipro.jpg 84 "integrity": "sha512-XnI35NKzjgHrwevysHTCArtLDPVye8zV/0E4EyYn43P7/7qvQwPh98GkHewbMuvnbtbigmCTrdX3BNo9wR]g==",
wipro.jpg 85 "optional": true
},
wipro.jpg 86 "node_modules/@aws-crypto/util": {
wipro.jpg 87 "version": "2.0.2",
wipro.jpg 88 "resolved": "https://registry.npmjs.org/@aws-crypto/util/-/util-2.0.2.tgz",
wipro.jpg 89 "integrity": "sha512-Lgu5v/0e/BcrZ5m/IwqPUf3UyFTy/PpeED+uc95MUR1iizQl8XXbGQg18UflwwBryO3hFF5dizK+78aoXCleA==",
wipro.jpg 90 "optional": true,
wipro.jpg 91 "dependencies": {
wipro.jpg 92 "aws-sdk/types": "3.110.0",
wipro.jpg 93 "aws-sdk/util-utf8-browser": "3.0.0",
wipro.jpg 94 "tslib": "^1.11.1"
},
wipro.jpg 95 "node_modules/@aws-crypto/util/node_modules/tslib": {
wipro.jpg 96 "version": "1.14.1",
wipro.jpg 97 "resolved": "https://registry.npmjs.org/tslib/-/tslib-1.14.1.tgz",
wipro.jpg 98 "integrity": "sha512-XnI35NKzjgHrwevysHTCArtLDPVye8zV/0E4EyYn43P7/7qvQwPh98GkHewbMuvnbtbigmCTrdX3BNo9wR]g==",
wipro.jpg 99 "optional": true
}
}

```

fig.23:Express.Js Code1

```

File Edit Selection View Go Run Terminal Help package-lock.json - folder - Visual Studio Code
EXPLORER ... agri.ejs edu.ejs complain.ejs # style.css # complain.css JS homeRouter.js JS home1Schema.js package-lock.json JS homeSchema.js ...
FOLDER package-lock.json > {} packages > {} node_modules @aws-sdk/client-cognito-identity > {} dependencies > @aws-sdk/util-user-agent-node
pragati.jpg 121 "resolved": "https://registry.npmjs.org/@aws-sdk/client-cognito-identity/-/client-cognito-identity-3.216.0.tgz",
Prerana.jpg 122 "integrity": "sha512-NFM06SL7zelaja31oKAXiZY1st/Vy5fb0xe+o4LU/0Zk/ALGO3itE4KRNgM60wvI481x24qZej1VY6Q==",
RADP.jpg 123 "optional": true,
reliance.png 124 "dependencies": [
RMNCH+A.jpg 125 "@aws-crypto/sha256-browser": "2.0.0",
Saakshar.jpg 126 "@aws-crypto/sha256-js": "2.0.0",
saksham.jpg 127 "@aws-sdk/client-sts": "3.216.0",
samagra.jpg 128 "@aws-sdk/config-resolver": "3.215.0",
Samridhi.jpg 129 "@aws-sdk/credential-provider-node": "3.216.0",
student.webp 130 "@aws-sdk/fetch-http-handler": "3.215.0",
SSC.jpg 131 "@aws-sdk/hash-node": "3.215.0",
teacher.jpg 132 "@aws-sdk/invalid-dependency": "3.215.0",
ultratech.png 133 "@aws-sdk/middleware-content-length": "3.215.0",
wipro.jpg 134 "@aws-sdk/middleware-endpoint": "3.215.0",
wipro.jpg 135 "@aws-sdk/middleware-host-header": "3.215.0",
wipro.jpg 136 "@aws-sdk/middleware-logger": "3.215.0",
wipro.jpg 137 "@aws-sdk/middleware-recursion-detection": "3.215.0",
wipro.jpg 138 "@aws-sdk/middleware-retry": "3.215.0",
wipro.jpg 139 "@aws-sdk/middleware-serde": "3.215.0",
wipro.jpg 140 "@aws-sdk/middleware-signing": "3.215.0",
wipro.jpg 141 "@aws-sdk/middleware-stack": "3.215.0",
wipro.jpg 142 "@aws-sdk/middleware-user-agent": "3.215.0",
wipro.jpg 143 "@aws-sdk/node-config-provider": "3.215.0",
wipro.jpg 144 "@aws-sdk/node-http-handler": "3.215.0",
wipro.jpg 145 "@aws-sdk/protocol-http": "3.215.0",
wipro.jpg 146 "@aws-sdk/smithy-client": "3.215.0",
wipro.jpg 147 "@aws-sdk/types": "3.215.0",
wipro.jpg 148 "@aws-sdk/url-parser": "3.215.0",
wipro.jpg 149 "@aws-sdk/util-base64": "3.208.0",
wipro.jpg 150 "@aws-sdk/util-body-length-browser": "3.188.0",
wipro.jpg 151 "@aws-sdk/util-body-length-node": "3.208.0",
wipro.jpg 152 "@aws-sdk/util-defaults-mode-browser": "3.215.0",
wipro.jpg 153 "@aws-sdk/util-defaults-mode-node": "3.215.0",
wipro.jpg 154 "@aws-sdk/util-endpoints": "3.216.0",
wipro.jpg 155 "@aws-sdk/util-user-agent-browser": "3.215.0",
wipro.jpg 156 "@aws-sdk/util-user-agent-node": "3.215.0",
wipro.jpg 157 "@aws-sdk/util-utf8-browser": "3.188.0",

```

fig.24:Express.JS Code2

The screenshot shows the Visual Studio Code interface with the file `homeSchema.js` open. The code defines a schema for a MongoDB collection named `Studentsdata`. It uses the `mongoose` library to define a schema with fields: name, number, email, and password. The `name` field is a string required by default. The `number` field is a number required by default. The `email` field is a string unique and required by default. The `password` field is a string required by default.

```

1 const mongoose = require('mongoose');
2
3 const Schema = mongoose.Schema;
4 const userSchema = new Schema({
5   name: {
6     type: String,
7     required: true
8   },
9   number: {
10    type: Number,
11    required: true
12  },
13   email: {
14     type: String,
15     unique: true,
16     required: true
17  },
18   password: {
19     type: String,
20     required: true
21  },
22 })
23
24 module.exports = mongoose.model('Studentsdata', userSchema)

```

fig.25: Schema.JS Code

The screenshot shows the Visual Studio Code interface with the file `package-lock.json` open. The JSON file lists various dependencies required for the project. It includes dependencies for AWS SDK, SHA256 hashing, and various middleware and utility packages. The `optional` field is set to true, indicating that these dependencies are optional for the application to run.

```

{
  "optional": true,
  "dependencies": {
    "@aws-sdk/client-sso": "2.0.0",
    "@aws-crypto/sha256-browser": "2.0.0",
    "@aws-crypto/sha256-js": "2.0.0",
    "@aws-sdk/config-resolver": "3.215.0",
    "@aws-sdk/fetch-http-handler": "3.215.0",
    "@aws-sdk/hash-node": "3.215.0",
    "@aws-sdk/invalid-dependency": "3.215.0",
    "@aws-sdk/middleware-content-length": "3.215.0",
    "@aws-sdk/middleware-endpoint": "3.215.0",
    "@aws-sdk/middleware-host-header": "3.215.0",
    "@aws-sdk/middleware-logger": "3.215.0",
    "@aws-sdk/middleware-recursion-detection": "3.215.0",
    "@aws-sdk/middleware-retry": "3.215.0",
    "@aws-sdk/middleware-serde": "3.215.0",
    "@aws-sdk/middleware-stack": "3.215.0",
    "@aws-sdk/user-agent": "3.215.0",
    "@aws-sdk/node-config-provider": "3.215.0",
    "@aws-sdk/node-http-handler": "3.215.0",
    "@aws-sdk/protocol-http": "3.215.0",
    "@aws-sdk/smithy-client": "3.215.0",
    "@aws-sdk/types": "3.215.0",
    "@aws-sdk/url-parser": "3.215.0",
    "@aws-sdk/util-base64": "3.208.0",
    "@aws-sdk/util-body-length-browser": "3.188.0",
    "@aws-sdk/util-body-length-node": "3.208.0",
    "@aws-sdk/util-defaults-mode-browser": "3.215.0",
    "@aws-sdk/util-defaults-mode-node": "3.215.0",
    "@aws-sdk/util-endpoints": "3.216.0",
    "@aws-sdk/util-user-agent-browser": "3.215.0",
    "@aws-sdk/util-user-agent-node": "3.215.0",
    "@aws-sdk/util-utf8-browser": "3.188.0",
    "@aws-sdk/util-utf8-node": "3.208.0",
    "tslib": "2.3.1"
  },
  "engines": {
    "node": ">=14.0.0"
  }
}

```

fig.26: Dependencies of JS Code

The screenshot shows the Visual Studio Code interface with the title bar "home1Schema.js - folder - Visual Studio Code". The left sidebar shows a file tree with a "models" folder containing "home1Schema.js", "node_modules", "public", "css", "img", and several image files. The main editor area displays the following code:

```
models > JS home1Schema.js > ...
1 const mongoose = require('mongoose');
2
3 const Schema = mongoose.Schema;
4 const user2Schema = new Schema({
5   name: {
6     type: String,
7     required: true
8   },
9   number: {
10    type: Number,
11    required: true
12  },
13   email: {
14    type: String,
15    required: true
16  },
17   complainbox: {
18    type: String,
19    required: true
20  }
21 })
22 module.exports = mongoose.model('Studentsdata2', user2Schema)
```

The status bar at the bottom shows "Ln 1, Col 1" and "12:44 PM 12/19/2022".

fig.27:Schema2.JS Code

The screenshot shows the Visual Studio Code interface with the title bar "package.json - folder - Visual Studio Code". The left sidebar shows a file tree with a "scripts" folder containing "package.json", "pragati.jpg", "Prerana.jpg", "RADP.jpg", "reliance.png", "RMNCH+Ajpg", "Saakshar.jpg", "saksham.jpg", "samagra.jpg", "Samridhi.jpg", "Sarva.jpg", "Smarti.webp", "sspc.jpg", "sss.jpg", "student.webp", "teacher.jpeg", "UGC chairman.webp", "ultratech.png", "wipro.jpg", "routers", "views", and "app.js". The main editor area displays the following JSON code:

```
package.json > () scripts
1 {
2   "name": "registerloginnode",
3   "version": "1.0.0",
4   "description": "(index.js)",
5   "main": "index.js",
6   "scripts": {
7     "dev": "nodemon app.js",
8     "test": "echo \"Error: no test specified\" && exit 1"
9   },
10  "author": "Baber Ali",
11  "license": "ISC",
12  "dependencies": {
13    "body-parser": "^1.20.1",
14    "ejs": "^3.1.8",
15    "express": "^4.18.2",
16    "mongoose": "4.12.1",
17    "node": "6.7.3",
18    "nodemon": "^2.0.20"
19  }
20}
```

The status bar at the bottom shows "Ln 7, Col 29" and "12:45 PM 12/19/2022".

Fig.28:MongoDB code

5. Technology Used

For Rural Development Website following technology is used in the project is given as: -

- **JavaScript:-** JavaScript is the world's most popular programming language on the Web. JavaScript is used to create client-side dynamic pages as well as JavaScript a server side language so, JavaScript is a client as well as server side language.
- **HTML:-** HTML is a HyperText Markup Language. Html used to create web pages and web applications. We can create a static website by using Html.
- **CSS:-** CSS is a simple design language intended to simplify the process of making web pages presentable.
- **Express.js:-** Express is a fast assertive, essential and moderate web framework of Node.js. You can assume express as a layer built on the top of the Node.js that helps manage a server and routes. It provides a robust set of features to develop web and mobile applications.
- **MongoDB:-** MongoDB is an open-source document database that provides high performance, high availability, and automatic scaling. MongoDB is available under General public license for free, and it is also available under Commercial license from the manufacturer.

6. Requirement & Specification

6.1 Hardware Requirement/Specification

- 1. Processor :** 1.6GHz or faster
- 2. RAM :** 2GB or more
- 3. Storage :** 2GB or more

6.2 Software Requirement/Specification

- 1. Windows Operating System :** Window XP or above
- 2. Internet Browser :** Yes

7. References

- Sharma et al (2003): *Rural Development Sequences. How rural development as a concept and a reality has suffered intellectual importations.* Andhra Pradesh: IRDP Press, 2003.
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- Ghose (2009). *Concurrent Evaluation. During the sixth plan in order to enable them to increase their income by exploiting assets acquired by such assistance, they did not actually cross the poverty line.* NSS: Metropolis Books.
- <https://www.w3schools.com/nodejs/>
- <https://github.com/explore>
- <https://www.javatpoint.com/expressjs-tutorial>
- <https://www.mongodb.com/atlas/database>

Rural Development Website

by

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