

KLE Society's
KLE Technological University



WEB TECHNOLOGY LAB

Activity: Structured enquiry

Raita Samparka Kendra

Bachelor of Engineering

In

Computer Science and Engineering

Submitted By

Team No: 05

PRADEEP CHEGUR 01FE19BCS294

PRAVEEN TAKKANNAVAR 01FE19BCS298

SWAGAT INGALAGAON 01FE19BCS299

NAVEEN DODDAMANI 01FE19BCS305

Faculty In charge
Prof. Manjula Pawar

SCHOOL OF COMPUTER SCIENCE & ENGINEERING

HUBLI-580 031 (India).

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PROBLEM STATEMENT

Raita Sampark Kendra:

- Farmers will buy the fertilizers at RSK, in order to purchase they have to registered by the executives.
- Farmers should complete the KYC of his/her farm (register the farm details, property id, area etc.), a farmer can register one or more farm land.
- Executives will make an entry of each purchase made by the farmer along with the crop details.
- Maintain the history of the crops in their farm which will help them to claim insurance in case of disaster.

Framework Chosen:

1. Angular js
2. JS(Express)
3. HTML
4. CSS

Methodology Adopted:

Incremental model:

1. It is a process of software development where requirements are broken down into multiple standalone modules of software development cycle
2. Incremental development is a development approach that slices the product into fully working slices the product that are called increments
3. Each new increment builds on top of the existing released functionality
4. Incremental development is done in steps from analysis design, implementation, testing/verification, maintenance.

Fig 1. Home Page

- Farmer has option to know about web site in About us option.
- Schemes section has all schemes.
- Executive login option is for executives to log in.



Fig 2. After clicking on About Us option the below page appears.

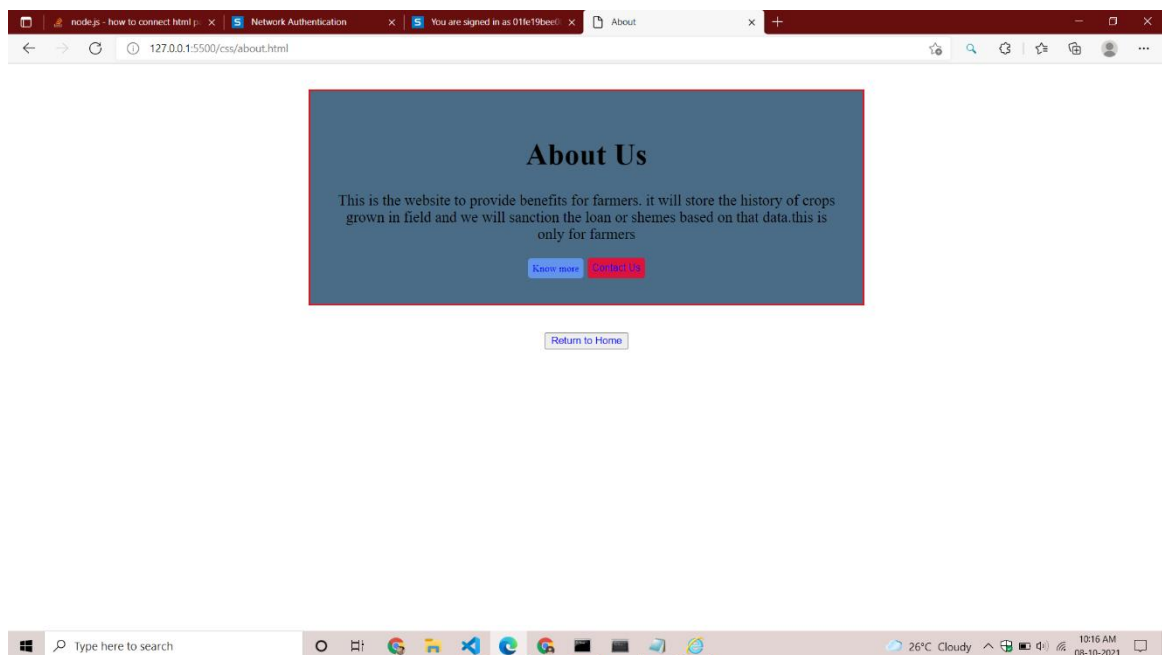
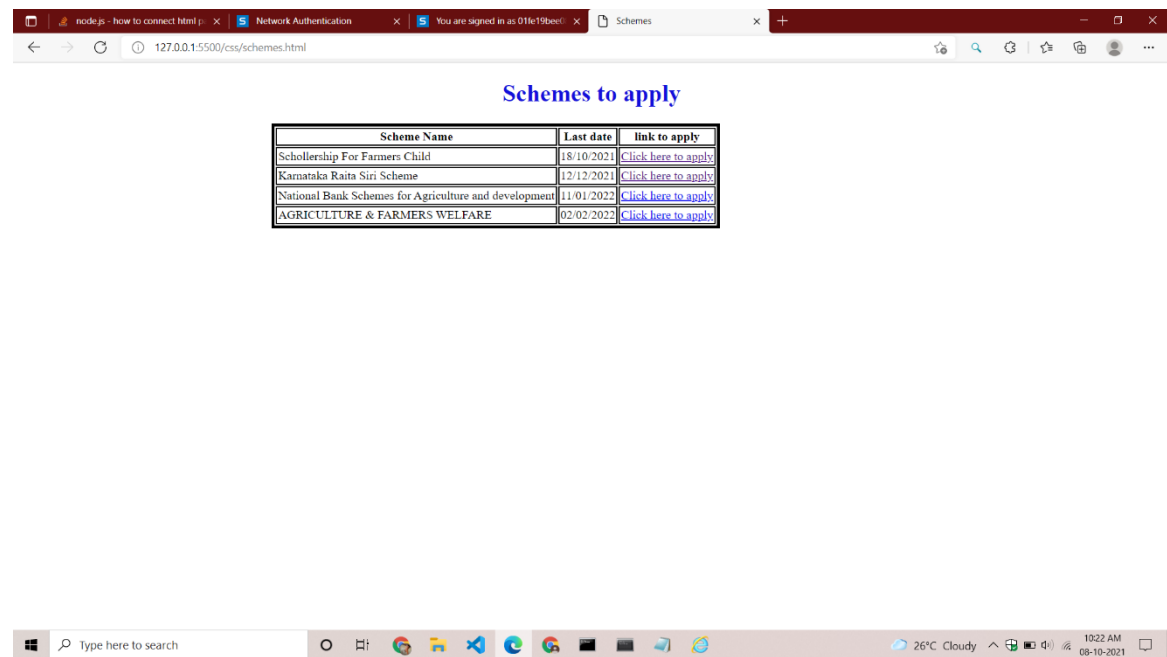


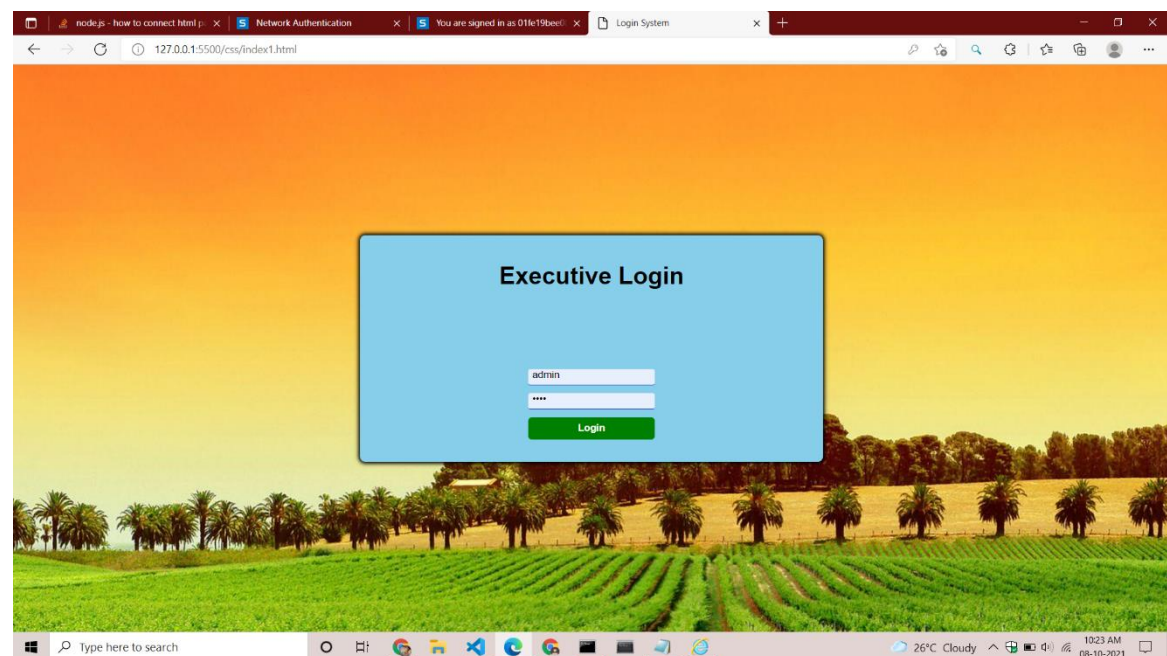
Fig 3. Different types of Schemes The farmer can avail for.



The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5500/css/schemes.html'. The page title is 'Schemes to apply'. Below the title is a table with three columns: 'Scheme Name', 'Last date', and 'link to apply'. The table lists four schemes: 'Schollership For Farmers Child' (last date 18/10/2021), 'Karnataka Raita Siri Scheme' (last date 12/12/2021), 'National Bank Schemes for Agriculture and development' (last date 11/01/2022), and 'AGRICULTURE & FARMERS WELFARE' (last date 02/02/2022). Each row has a corresponding 'Click here to apply' link. The browser's taskbar at the bottom shows the Windows search bar, several application icons, and system information including '26°C Cloudy' and the time '10:22 AM 08-10-2021'.

Scheme Name	Last date	link to apply
Schollership For Farmers Child	18/10/2021	Click here to apply
Karnataka Raita Siri Scheme	12/12/2021	Click here to apply
National Bank Schemes for Agriculture and development	11/01/2022	Click here to apply
AGRICULTURE & FARMERS WELFARE	02/02/2022	Click here to apply

Fig 4.Executive Login Page for Executive to login.



The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5500/css/index1.html'. The page features a large background image of a green field with palm trees under a bright orange and yellow sky. In the center of the page is a light blue rectangular box with the title 'Executive Login'. Inside this box, there are two input fields: the first contains the text 'admin' and the second contains four asterisks '****'. Below these fields is a green button labeled 'Login'. The browser's taskbar at the bottom is identical to the one in Fig 3, showing the Windows search bar, application icons, and system information including '26°C Cloudy' and the time '10:23 AM 08-10-2021'.

Fig 5. Registration Form which can be filled by Executive.

Enter Farmer Details

Name:

Address:

DOB:

Income:

Mobile number:

Agriculture Land in Acres:

Property ID:

Available Crops

Sugarcane, Cotton, Wheat, Maize, Rice, Millets, Oilseeds, Coffee, Coconut, Tea, Rubber, Fruits, Vegetables

List of Fertilizers

NPK RS1000, DAP RS2000, Cocopeat RS3000, Humic Acid RS4000, Micronutrient Fertilizer RS5000, Urea RS1000, Borax RS2000, Zincated Phosphate RS3000, Epsom RS4000

Total Price: RS 0

Fig 6. Contact details page

Contact Us through This Mails and Contacts

City	Mail	Mobile Number
Hubli-Dharwad	hdsrk@gmail.com	1234567890
Belgaum	brsk@gmail.com	9955771262
Bengaluru	blrrsk@gmail.com	7676251521
Raichur	rcrrsk1@gmail.com	8880586957

Fig 7. Database Page

