Gujarat Technological University

Government Engineering College, Gandhinagar

A **Report** On

"Appointment Web Portal For Jan Seva Kendra"

Under Subject of

Analysis and Design of Algorithms

(3150703)

Semester: 5th

Submitted by:

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Abstraction:

The idea behind this portal is to make some legal procedures easy in this hectic lifestyle. People are very busy these days and it is hard to manage everything when they have to go to the specific government authorized location and after reaching there, they realize that work can not be done on that day because of some reasons so in our portal user can book appointment for their specific work they have to go to only that day for the work. It can save lot of time and less crowd at janseva kendra location.

Technologies use for build our app:

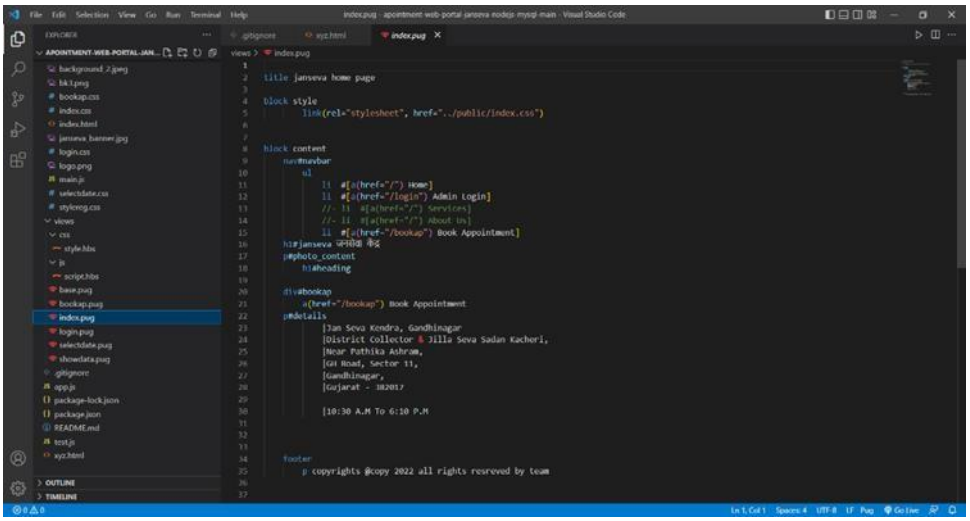
1. Frontend: pug template engine(v 3.0.2) , css

pug

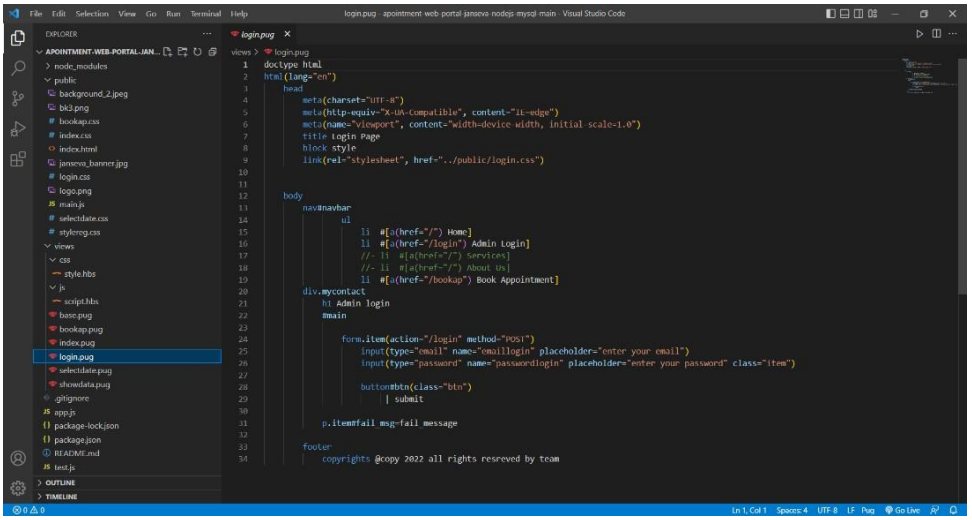
2. Backend: nodejs , express(v 4.18.8) , mysql(v 2.18.1)

3. Framework: expressjs(v 4.18.1)

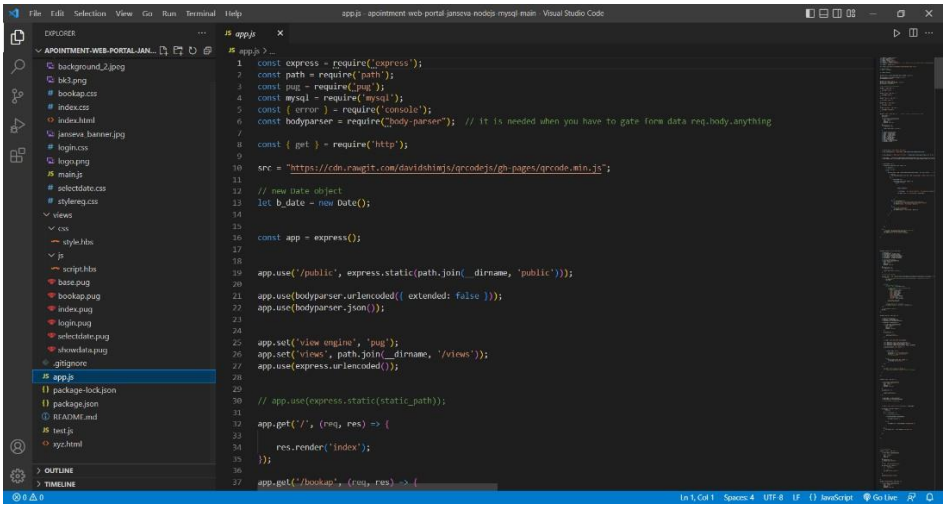
Snapshots of Codes:



```
extends base

block style
    link(rel="stylesheet", href="../public/index.css")

block content
    nav#navbar
        ul
            li  #[a(href="/") Home]
            li  #[a(href="/login") Admin Login]
            //- li  #[a(href="/") Services]
            //- li  #[a(href="/") About Us]
            li  #[a(href="/bookap") Book Appointment]
    h1#janseva सेवा केंद्र
    #photo_content
        h1#heading

    div#bookap
        a(href="/bookap") Book Appointment
    #details
            |Jan Seva Kendra, Gandhinagar
            |District Collector & Dills Seva Sadan Kacheri,
            |Near Pathika Ashram,
            |GH Road, Sector 11,
            |Gandhinagar,
            |Gujarat - 382017

            |10:30 A.M To 6:10 P.M


    footer
        p copyrights @copy 2022 all rights resreved by team
```



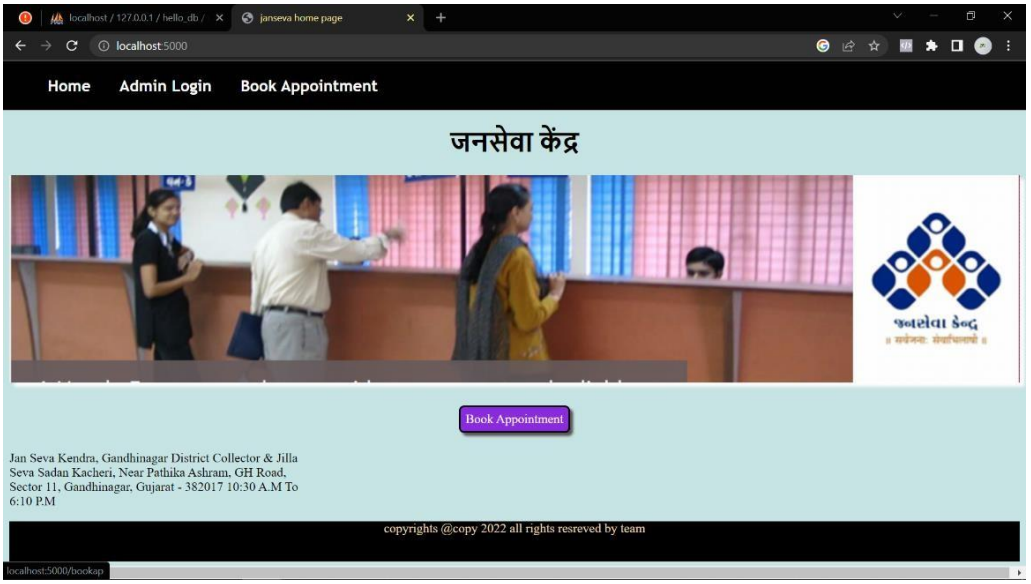
```
doctype html
html(lang="en")
    head
        meta(charset="UTF-8")
        meta(http-equiv="X-UA-Compatible", content="ie-edge")
        meta(name="viewport", content="width-device-width, initial-scale-1.0")
        title Login Page
        block style
        link(rel="stylesheet", href="../public/login.css")


    body
        nav#navbar
            ul
                li  #[a(href="/") Home]
                li  #[a(href="/login") Admin Login]
                //- li  #[a(href="/") Services]
                //- li  #[a(href="/") About Us]
                li  #[a(href="/bookap") Book Appointment]
        div.myconlact
            h1 Admin login
            #main

                form.item(action="/login" method="POST")
                    input(type="email" name="emaillogin" placeholder="enter your email")
                    input(type="password" name="passwordlogin" placeholder="enter your password" class="item")

                    button#btn(class="btn")
                        | submit

                p.itemfail msg=fail message

        footer
            copyrights @copy 2022 all rights resreved by team
```



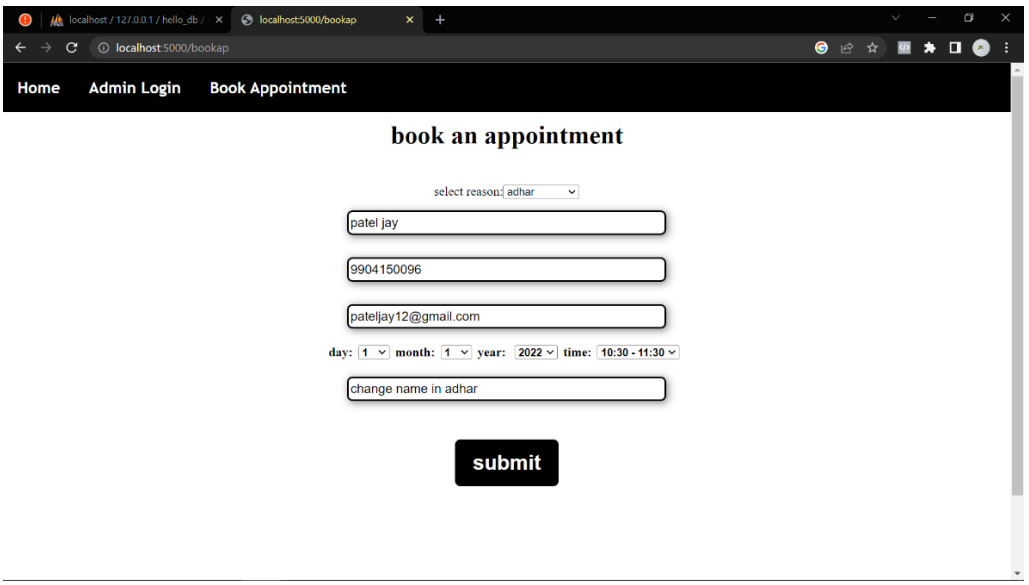
```
const express = require('express');
const path = require('path');
const pug = require('pug');
const mysql = require('mysql');
const { error } = require('console');
const bodyparser = require("body-parser");  // it is needed when you have to gate form data req.body.anything

const { get } = require('http');

src = "https://cdn.rawgit.com/davidshimjs/qrcodejs/gh-pages/qrcode.min.js";

// new Date object
let b_date = new Date();


const app = express();


app.use('/public', express.static(path.join(__dirname, 'public')));

app.use(bodyparser.urlencoded({ extended: false }));
app.use(bodyparser.json());


app.set('view engine', 'pug');
app.set('views', path.join(__dirname, '/views'));
app.use(express.urlencoded());


// app.use(express.static(static_path));

app.get('/', (req, res) => {

    res.render('index');
});

app.get('/bookap', (req, res) => {
```

Website Interface:

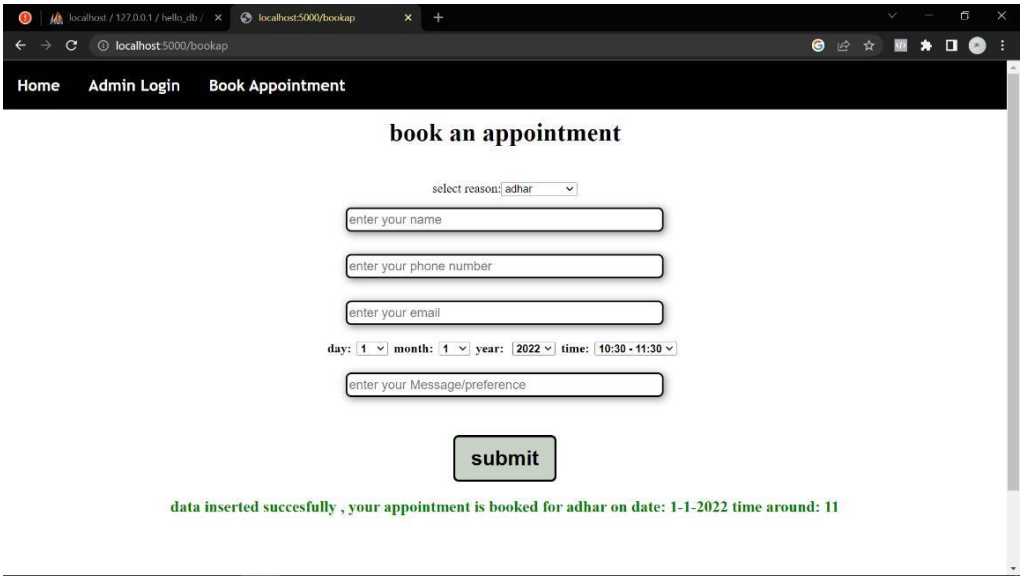
Home page: **home page shows Book Appointment button to book an appointment for any legal services . In navigation bar admin login button is available for admins of janseva.**



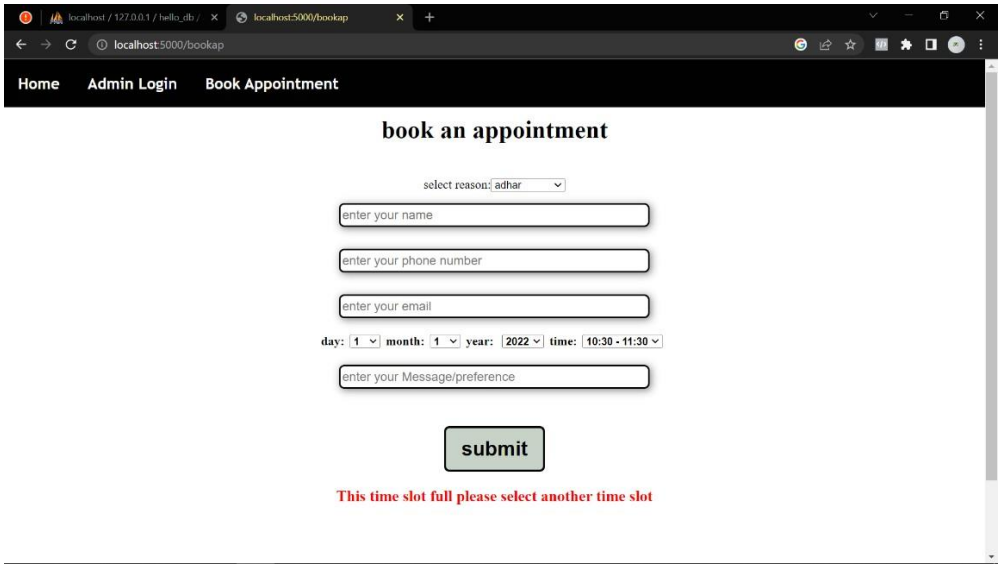
Book Appointment : **Here user can book appointment by submitting their reason for Appointment name phone number email , timeslot and message**



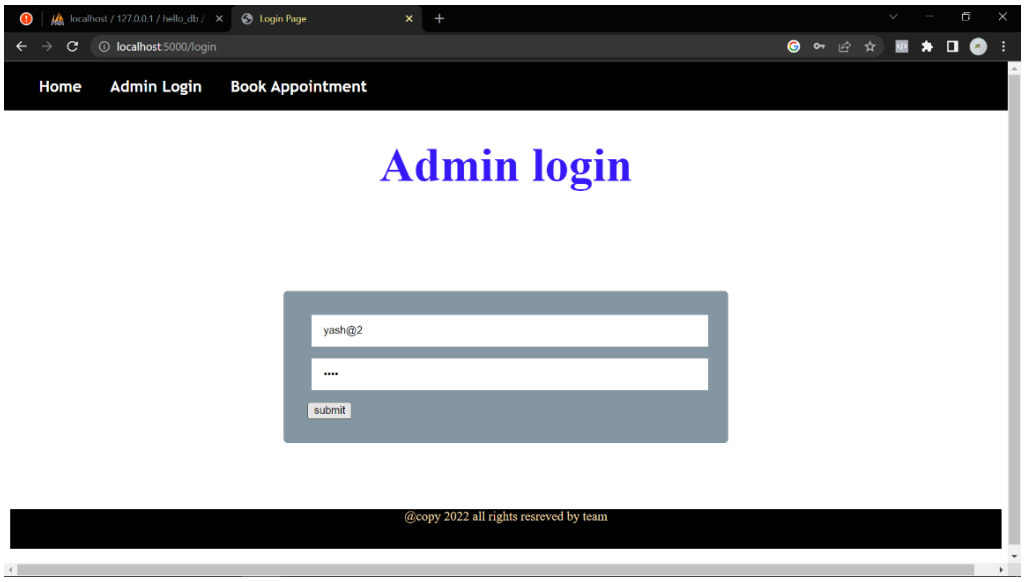
If selected time slot is available then data inserted successfully + their reason date timeslot will display on screen.



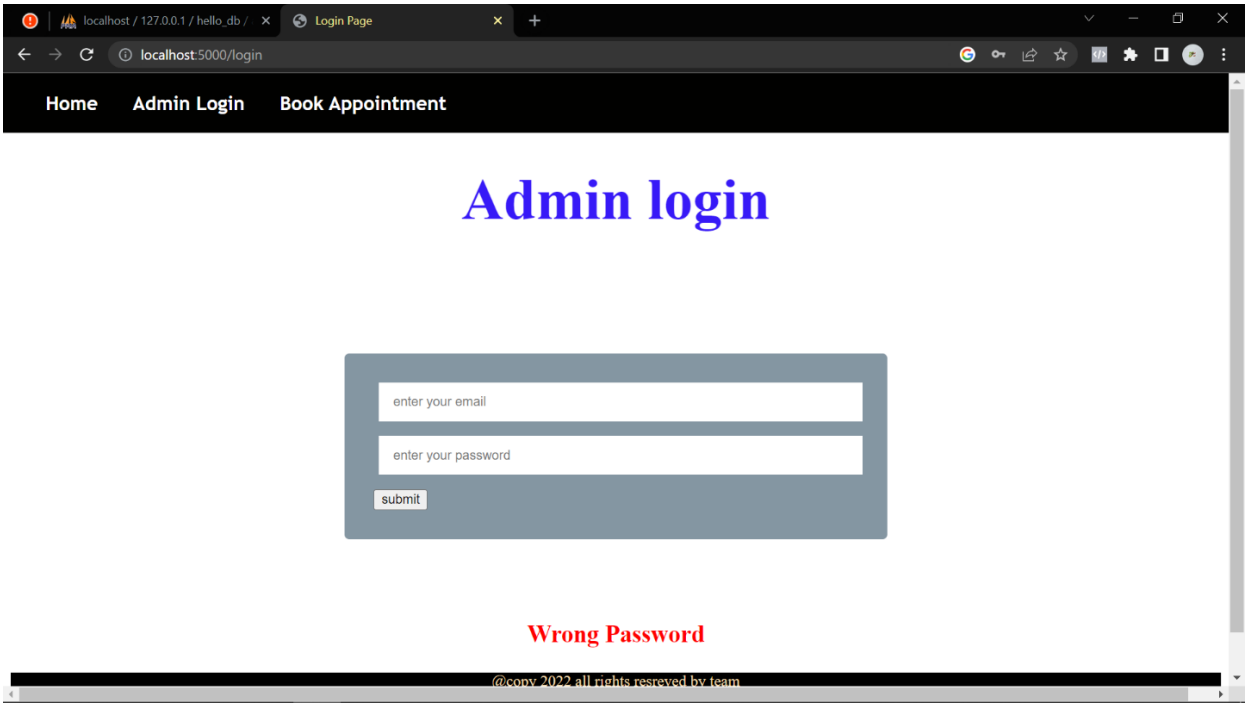
Each timeslot have 5 appointment maximum if 6th user book that slot error will be Shown.



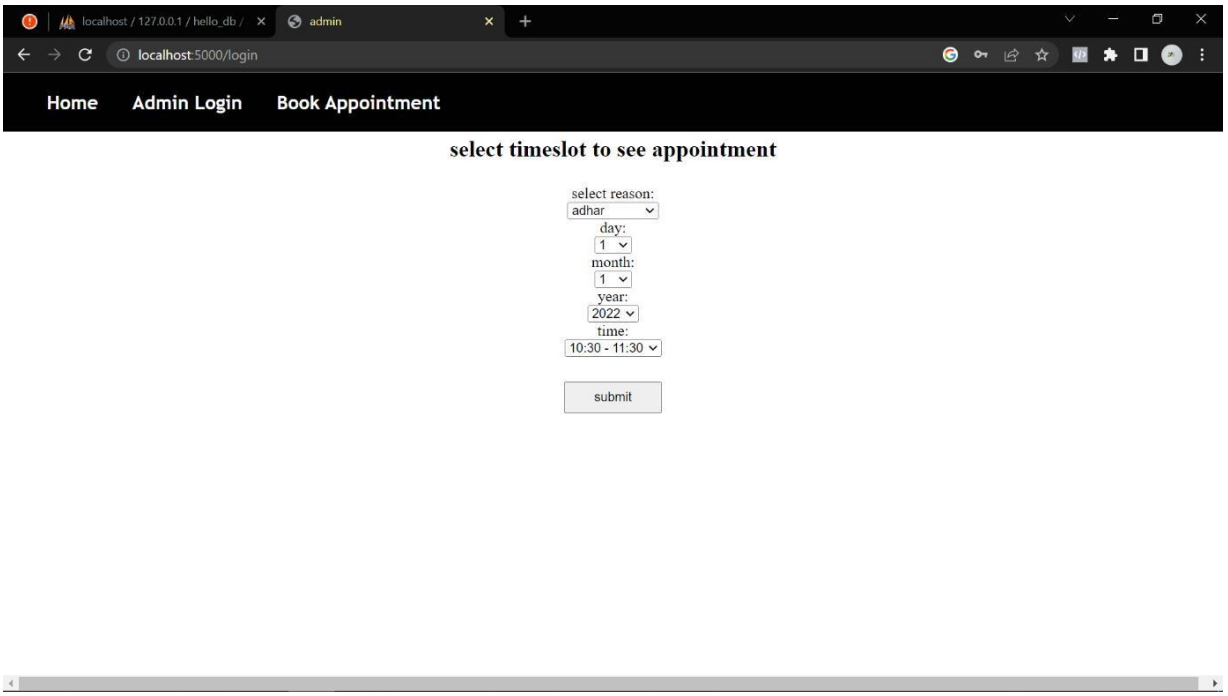
Admin login page:



If password and email is not matching in database error will be shown:



If login credential matching in database then select timeslot is shown



Appointments for selected reason and timeslot will be shown in table form to admin:

reason	date	time	name	email	phone	message	Bookdate
adhar	1-1-2022	11	Chavda Yashvantsinh	yashvantsinhchavda2461@gmail.com	2147483647	change name in adhar card	Tue Nov 22 2022 14:1
adhar	1-1-2022	11	patel jay	pateljay12@gmail.com	2147483647	change name in adhar	Tue Nov 22 2022 22:0
adhar	1-1-2022	11	dabhi kunj	kunj@gmail.com	2147483647	update phone number in adhar card	Tue Nov 22 2022 22:0
adhar	1-1-2022	11	darshan	darshan@gmail.com	2147483647	update address in adhar card	Tue Nov 22 2022 22:0
adhar	1-1-2022	11	tejas	tejas@gmail.com	2147483647	5th entry	Tue Nov 22 2022 22:0

Guidelines to use our Homecare Company App:

Step 1: First home page will be shown to user .

Step 2: click on the book appointment button to book appointment.

Step 3: After step 2 user will be navigated to the page where user can fill their details about their appointment and select dates.

Step 4: Admins At janseva kendra can see the detail of the booked appointment and verify it when user comes at janseva kendra.

Step 5: Make your legal procedures easy and less crowd at place with this web portal at your convenience.

Reference Link:

https://github.com/CHAVDAYASHVANTSINH612/apointment-web-portal-janseva-nodejs-mysql