

2025

BEGIN WITH A NEW VISION

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CLASS- MCA 4th SEM

Registration Number- 2305260001

2025

JANUARY

Week-01
001-364

Wednesday

01

(3/01/2025)

NAME of the project - Medi - Track

The medi-track project is a digital health care platform designed to enhance the efficiency and accessibility of medical services by providing an intuitive doctor appointment based matching support. By incorporating the system enables remote consultations reducing wait time and improving health care access, especially in remote areas. The medi-track project aims to modernize health care delivery through seamless digital solution, making medical services more efficient, secure and patient centric.

Fear follows crime and is its punishment.

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February

JANUARY

02 Thursday

System setup :

1. Installation and setup of database (mysql / postgresql)
2. Installation and setup of Java, JDK
3. Installation and system checking of VS code.

Fear of ideas makes us impotent and ineffective.

January

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2025

Week-01
003-362

JANUARY

19/01/2025 Friday 03

- ISSUE solving of vs code
- Environment setting of my sql
- Installing of spring boot in vs code extension
- Basic idea about spring boot
- Demonstration on spring boot project
- creating zip folder on ^{medium} flatten extraction of file.
- creating home.html on template folder.
- creating thymeleaf file on static folder.

Fidelity is the sister of justice.

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February

JANUARY

04

Saturday

15/01/2025

20

W
04

Designing of project.

The landing page:

The landing page serves as the first point of interaction for users.

- Hero section : Include a large eye-catching image of delicious food with a captivating headline.
- Navigation bar : Added a responsive navigation bar with links to key sections such as Home , menu , about us contact and login / sign up.

05 Sunday

Figures won't lie, but liars will figure.

January

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JANUARY

2025

Week-02
006-359

16/01/2025 Monday

06

Design of Landing page:

- Applied a consistent color palette reflecting a food-centric theme, your health our priority dream.
- Responsive design, Ensured the landing page is responsive and adapting.
- Footer: include contact information social media links and quick navigation option.

Flattery corrupts both the receiver and the giver.

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JANUARY

2023

07

Tuesday

17/01/2023

Week-01
007-35

Design Landing page

- Added concise and engaging content section highlighting the platform's key features such as schedule appointment specialist doctors, address the medical problem, etc.
- used HTML and CSS and added JavaScript for interactive elements such as smooth scrolling and hover effect.

For the love of money is the root of all evil.

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January

JANUARY

2025

Week-02
008-357

20/01/2025 Wednesday

08

Designing of PDP

worked on designing the product detail page (PDP) for the medi - tech web application.

It displays detailed information about a doctor or patient details to make informed purchasing decision which include

→ Header and Navigation

• Displays a high resolution image of good doctor with the option to view appointment details, doctors booking details in a calendar format.

of good doctor with the option to view appointment details, doctors booking details in a calendar format.

Freedom can not live where there is injustice.

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February

JANUARY

202

09

Thursday

21/08/2025

Week-01
009-358

Designing of PDP page &+

- Added key details including doctor name, specialist change, description, Rating and Reviews.
 - Added an add to book appointment button allowing the user to specify appointment time at the doctor's.

→ include a visual confirmation of the appointment, when the doctor is available.

Genius must be born, it can never be taught.

born, it can never be taught.

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2025

Week-02
070-355

JANUARY

23/01/2025 Friday

10

Admin Dashboard Design :-

- worked on design structure Admin dashboard for the medi-tech web application
- Added a fixed side bar menu with links to home page, check appointment, mark specialist and logout link.
- Applied icons and hover effect to enhance user experience.

God heals and the doctor takes the fee.

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January												February																	

JANUARY

11

Saturday

23/01/2025

2025

Week
01.35

Admin Dashboard Design

- worked on Dashboard overview section
 - Display key entries completed appointment pending appointment mark doctor specialist

- worked on order management section

Admin Dashboard Design

12 Sunday

- worked on category design page
- Applied doctor page and user page.

Good intentions are not good unless carried out.

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2025

JANUARY

Week-03
013-352

25/01/2025 Monday

13

Admin

Dash board

Design :-

- worked on over design of which admin dash board include search button navigation bar.
- Added icons and hover effect.

Good order is the foundation of all things.

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JANUARY

2025

14

Tuesday

26/01/2025

Week 01
014-351

Gif and Gif Hubs

- Installation and download of git and git hub.
 - How to push code or to git hub
 - Git pull and git push commands to git and github.
 - Other features including creating new branch and issue new ticket etc.

Switzerland
27.01.25

Good luck never comes late.

Goodluck never comes late.

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2025

Week-03
017-348

JANUARY

30/10/2025 Friday

17

Entity Class

- worked on developing the layers for the web application
 - the entity class represents data based tables and map the data to java objects enabling smooth interaction with database through JPA

Entity class

31/01/2025

- developed separate entity class
like category entity doctor
entity , user entity
appointment , payment entity
class .

Great geniuses have the shortest biographies.

JANUARY

18

Saturday

2025

Week-09
018-34

01/02/2025

- created attribute entity class which extends to other classes
- the gender, sector, methods used

Entity class

03/02/2025

-> utilized SPA annotation for table mapping.

- `@Entity` → specifies the class as a SPA entity.

- `@Table(name = "table_name")` map the class to the corresponding table in database

19 Sunday

data base

- `@Id`, `@GeneratedValue` value, `@Column` etc.

and until it is shared.

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2025

Week-04
020-345

JANUARY

04/02/2025 Monday

20

- Added validation annotation to ensure data integrity
 - @NotNull
 - @Size
 - @Email

~~Sunday~~
5.02.25

Creating Repositories

05/02/2025

worried on developing the Repository layer for the Flavours web application.

→ developing separate Repository for key entities

- Appointment Repository
- category Repository
- widget Repository
- user Repository

Happiness lies, first of all, in health.

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February

JANUARY

2025

21

Tuesday

04/02/2025

Week-04
021-344

- used Spring Data JPA to extend the JPA Repository interface, providing built-in methods like
 - findAll()
 - findById()
 - save(entity)
 - deleteBy()

07/02/2025

- Added custom query methods to fetch specific data efficiently
 - find by category
 - find by status etc.
- used Spring boot JPA for DRy

Hate is the subtlest form of violence.

January

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JANUARY

2025

Week-04
022-343

08/02/2025 Wednesday

22

→ worked on enum class

→ created delivery status, order status
payment methods, payment status.
user role, widget status classes
for enum.

09/02/2025

→ worked on product controller class
to fetch the page using get
mapping.

Hatred is a settled anger.

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February

JANUARY

2025

23

Thursday

10/02/2025

Week 023-34

- created admin order page which include all the information like order, customer name, address etc.
- created customer page under admin dash board.

11/02/2025

- worked on database table in my SQL
- Inserted values to the database

Surat
12.02.25

JANUARY

24

→ worked on CSS of admin
dash board to

→ overall space adjustment and
other design.

13/02/2025

→ Learn about entity Entity
relationship.

→ collection inty form and about
list like Arraylist, linkedlist
vector stack etc.

He conquers who endures.

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JANUARY

2025

25

Saturday

19/02/2025

Week-
025-34

→ learn CM JDBC connection, which include https requests, dig patcher server format controller handlers, mapper, controllers, view resolved etc.

15/02/2025

→ learn and implement payment on admin database.

26 Sunday

→ created a fragment file of HTML and CSS which can include all common codes which can be ~~use~~ reuse in other HTML file.

He is happy who thinks he is.

January

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2025

Week-05
027-338

JANUARY

16/01/2025 Monday

27

- merge the code in the git hub.
- The conflict occurs and resolve the conflict.

17/01/2025

→ search about UUID universally unique identifier, which are 128-bit tables used to uniquely identify objects in computer systems.

→ Implement it on entity class as @ generated value

(strategy = UUID)

He that diggeth a pit shall fall into it.

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February

JANUARY

28

Tuesday

18/02/2025

→ worked on ~~dates~~ appointment table of category, food ~~appointment~~ item page along with its backend.

using post mapping and get mapping

~~months~~

19/02/25

19/02/2025

→ work index on ~~category~~ specialist page and ~~product~~ appointment page.

→ using thymeleaf, spring boot dependency render the data.

JANUARY

2025

Week-05
029-336

26/02/2025 Wednesday

29

Completed the admin category page and product page design
worked on its data table.

31/02/2025

→ Implemented CRUD operations (Create, Read, Update, Delete) to manage categorized and product, allowing seamless interaction with the MySQL database.

He who begins many things finishes nothing.

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February

JANUARY

30

Thursday

22 / 02 / 2025

→ utilized thumppleab template
engine for rendering dynamic
HTML content a displaying the real-time data from
the backend.

23 / 02 / 2025

→ create new ticket and new branch through github.

→ merge the existing code to the master branch.

He who laughs last, laughs longest.

January

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JANUARY

2025

Week-05
031-334

24/02/2025 Friday

31

→ Developed dynamic lady tables on the page of the website using Spring boot and thymeleaf.

→ Utilized Hibernate ORM object-relation mapping, to interact with MySQL database.

Suryati
25.02.25

25/02/2025

→ Integrated custom search and filter options enabling user to easily locate product by specifying categorizer and book appointment.

He who serves the poor is great in the eyes of God.

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February

FEBRUARY

01

Saturday

25/02/25

→ Ensured data consistency and integrity using Hibernate cascading operation and validation.

→ Worked on CSS of admin dashboard.

27/02/2025

→ created widget table.

→ Learned about Springboot security.
02 Sunday

→ Implemented it using JWT tokens.

He who trusts his secrets to a servant makes him master.

February	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F
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FEBRUARY

2025

Week-06
034-331

29/02/2025

Monday

03

- Integrated spring Boot security to protect the widget, patient and doctor appointment ensuring controlled access based on user roles and permission.
- Applied role-based authentication and authorization, restricting access to sensitive operations to authorized users only.

01/03/ 2025

- used bcrypt password encoding to securely store and verify user credential.
- Added custom login and logout functionality with session handling.

Hearing brings wisdom, speaking repentance.

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March

FEBRUARY

04

Tuesday

03/03/2025

→ Ensured CSRF (cross-site Request forgery) protection by enabling CSRF token in forms.

03/03/2025

→ created config folder and security under it. config class @ Bean , by BCrypt encoder convert the password to hash form. (12) written will password

History is the essence of innumerable biographies.

February

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FEBRUARY

2025

Week-06
036-329

05 Wednesday

04/03/2025

- Developed the user service class as part of Flavours Hub application using Spring Boot, handling business logic related to user operations.
- Implemented dependency injection with @Authorized to integrate the user repository for seamless interaction with my SQL database.

Journal
5.03.25

05/03/2025

- Added the get user (String email) method to fetch the entire user entity, providing detailed user information.
- Application exception handling using `throws`.

Home is where the heart is.

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March

FEBRUARY

06

Thursday

06/03/2025

- worked on upload - Image
- created a folder upload - Image in the explorer.

→ put it on git - Jquery.

→ upload - images or the

07/03/2025

appointment

→ created place order page which will conform the order placed appointment successfully.

→ link it to the place appointment button in appointment booking page.

Honest labour bears a lovely face.

February

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2025

Week-06
038-327

FEBRUARY

Friday

07

08/03/2025

→ completed place order page design any time.

→ worked on overall admin dashboard design page.

09/03/2025

→ worked on search button.

→

Honesty is the best policy.

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FEBRUARY

08

Saturday

10 / 03 / 2025

→ Implemented the filter by specialist containing (ignoring case. C string specialized name) method to perform case-insensitive search for specialist by name.

→ used spring data JPA's method naming convention to automatically implement the generating query reducing need for custom SQL queries.

09 Sunday

11 / 03 / 2025

→ worked on bureaucracy or widget page and data table.

Summary

120 / 325

Hope for the best and prepare for the worst.

February

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27 28

2025

FEBRUARY

Week-07
041-324

10

13/03/2025

Monday

→ created widget entity class.

→ Link it to the data base

→ worked on login and signup
every any fix it.

13/02/25

→ created widget Repository.

render data from database to
frontend.

Hope thou not much, and fear thou not at all.

S M T W T F S S M

March

FEBRUARY

11

Tuesday

19/03/2025

20

Week
042

→ created widget list form end page.

→ created CSV file of widget list which have user ID and doctor ID.

15/03/2025

→ On Admin dash board render the dynamic data from the data base and share it on front end.

FEBRUARY

2025

Week-07
043-322

12

16/03/2025 Wednesday

→ worked on Spring Security.

→ Applied Javascript in the front end for enhanced design

→ worked on CSG of widget page under admin dashboard.

17/03/2025

→ space adjustment and overall design of widget front end and widget list page.

→ Add model to the widget html page to share widget list page.

Human nature is greedy of novelty.

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FEBRUARY

13

Thursday

18/03/2025

- created dto Response under Repository folder to extend JPA Repository.
- worked on ~~back~~ backend d2 widget and widget ~~part~~ 1st page.

~~Smrakha~~
18-03-25

19/03/2025

- created edit and delete button on category and product user and doctor page under ad mh dash board

- worked on delete button

2025

FEBRUARY

Week-07
045-320

20/03/2025 Friday

14

→ created edit and delete button on product page.

→ created dfo designtform under repository folder.

21/03/2025

→ worked on backend of edit and delete.

→ merge code to the github.

→ worked on entity class and security of appointment page.

22/03/2025

→ worked on overall edit and delete button.

→ fixed the error.

Summary
22-03-25

Idleness is only the refuge of the weak mind.

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March